

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER FD 3-33-2-2				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8164				
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL BHilgers@billbarrettcorp.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') VERNON RICHENS						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-545-2535				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO BOX 722, FORT DUCHESNE, UT 84026						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		800 FNL 1860 FWL		NENW	33	2.0 S	2.0 E	U		
Top of Uppermost Producing Zone		800 FNL 1860 FWL		NENW	33	2.0 S	2.0 E	U		
At Total Depth		800 FNL 1860 FWL		NENW	33	2.0 S	2.0 E	U		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 800			23. NUMBER OF ACRES IN DRILLING UNIT 640				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 10452			26. PROPOSED DEPTH MD: 10055 TVD: 10055				
27. ELEVATION - GROUND LEVEL 5116			28. BOND NUMBER LPM4138148			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2336				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	26	16	0 - 80	65.0	Unknown	8.8	No Used	0	0.0	0.0
SURF	12.25	9.625	0 - 1500	36.0	J-55 ST&C	8.8	Halliburton Light , Type Unknown	190	3.16	11.0
							Halliburton Premium , Type Unknown	210	1.36	14.8
PROD	7.875	5.5	0 - 10055	17.0	P-110 LT&C	9.6	Unknown	770	2.31	11.0
							Unknown	430	1.42	13.5
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Brady Riley				TITLE Permit Analyst			PHONE 303 312-8115			
SIGNATURE				DATE 11/09/2012			EMAIL briley@billbarrettcorp.com			
API NUMBER ASSIGNED 43047533210000				APPROVAL Permit Manager						

BILL BARRETT CORPORATION
DRILLING PLAN REVISED

FD 3-33-2-2

NENW, 800' FNL and 1860' FWL, Section 33, T2S-R2E, USB&M (surface hole)

NENW, 800' FNL and 1860' FWL, Section 33, T2S-R2E, USB&M (bottom hole)

Uintah County, Utah

1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	<u>Depth – MD/TVD</u>
Green River*	5425'
TGR3	7570'
Black Shale	8265'
Wasatch*	9255'
TD	10055'

*PROSPECTIVE PAY

The Wasatch and the Green River are primary objectives for oil/gas.

Base of Useable Water = 4230'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1500'	No pressure control required
1500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1500'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

*The casing program is based on recent wells drilled by Axia in the immediate area.

9-5/8" casing may be preset with a spudder rig. If this occurs, the following equipment shall be in place and operational during air/gas drilling:

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust

Bill Barrett Corporation
Drilling Program
FD 3-33-2-2
Uintah County, Utah

- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved
- Deduster equipment
- All cuttings and circulating medium shall be directed into a reserve or blooie pit
- Float valve above bit
- Automatic igniter or continuous pilot light on the blooie line
- Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits

5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 190 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 1,000'
5 1/2" Production Casing	Lead: 770 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 1,000' Tail: 430 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 7765'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> <u>(API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 1500'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1500' – TD	8.6 – 9.6	42 – 52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.

Bill Barrett Corporation
Drilling Program
FD 3-33-2-2
Uintah County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5019 psi* and maximum anticipated surface pressure equals approximately 2807 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A - (0.22 x TD)

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
 - b) Inside BOP or stab-in valve (available on rig floor)
 - c) Safety valve(s) and subs to fit all string connections in use
- Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Green River located in Sec. 33, T8S-R20E.

11. Drilling Schedule

Location Construction: JANUARY 2013
Spud: JANUARY 2013
Duration: 15 days drilling time
45 days completion time

PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: **Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer.** The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

B. **Pressure Rating:** 5,000 psi

C. **Testing Procedure:**

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

CONFIDENTIAL



Bill Barrett Corporation

AURORA CEMENT VOLUMES

Well Name: FD 3-33-2-2

Surface Hole Data:

Total Depth:	1,500'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	548.1	ft ³
Lead Fill:	1,000'	
Tail Volume:	274.0	ft ³
Tail Fill:	500'	

Cement Data:

Lead Yield:	3.16	ft ³ /sk
% Excess:	75%	
Top of Lead:	0'	

Calculated # of Sacks:

# SK's Lead:	190
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Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	1,000'	

# SK's Tail:	210
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Production Hole Data:

Total Depth:	10,055'
Top of Cement:	1,000'
Top of Tail:	7,765'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1758.1	ft ³
Lead Fill:	6,765'	
Tail Volume:	595.2	ft ³
Tail Fill:	2,290'	

Cement Data:

Lead Yield:	2.31	ft ³ /sk
Tail Yield:	1.42	ft ³ /sk
% Excess:	50%	

Calculated # of Sacks:

# SK's Lead:	770
# SK's Tail:	430

FD 3-33-2-2 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (1000' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 1,000'
	Volume: 97.61 bbl
	Proposed Sacks: 190 sks
Tail Cement - (TD - 1000')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (7765' - 1000')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 6,765'
	Volume: 313.11 bbl
	Proposed Sacks: 770 sks
Tail Cement - (10055' - 7765')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 7,765'
	Calculated Fill: 2,290'
	Volume: 106.00 bbl
	Proposed Sacks: 430 sks

T2S, R2E, U.S.B.&M.

East 1/4 Cor.
Sec. 20
Set StoneNW Cor.
Sec. 32
Set Marked
Stone, small
stonesN87°52'25"W
5341.97'
(Meas.)N00°30'02"W
8025.01'
(Meas.)Corner Re-Established,
by double Proportion
Method
(Not Set on Ground)

1860'

S88°19'55"W - 4799.16' (Meas. to True)
S88°19'55"W - 4799.07' (Meas. to C.C.)C.C.
2001 Alum. Cap,
1.5' High Mound
of Stones, Fence

FD #3-33-2-2

Elev. Ungraded Ground = 5116'

Lot 1

13 M.
MarkerS22°56'47"E - 5312.92'
(Meas.)12 M.
Marker

S01°17'54"E - 5351.17' (Meas.)

33

N00°00'E - 4012.80' (G.L.O.)

Steel Cap,
PipeT2S
T3S

N90°00'E - 5280.00' (G.L.O.)

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

△ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

NAD 83 (SURFACE LOCATION)

LATITUDE = 40°16'13.95" (40.270542)

LONGITUDE = 109°46'37.22" (109.777006)

NAD 27 (SURFACE LOCATION)

LATITUDE = 40°16'14.09" (40.270581)

LONGITUDE = 109°46'34.71" (109.776308)

BILL BARRETT CORPORATION

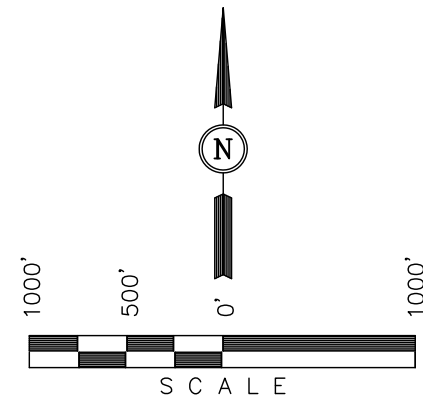
Well location, FD #3-33-2-2, located as shown
in the NE 1/4 NW 1/4 of Section 33, T2S, R2E,
U.S.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION
9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE,
QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID
ELEVATION IS MARKED AS BEING 4942 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

ROBERT L. KAY

04-10-12

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-23-12	DATE DRAWN: 03-27-12
PARTY C.R. S.R. K.O.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BILL BARRETT CORPORATION	

RECEIVED: April 29, 2013

BILL BARRETT CORPORATION

FD #3-33-2-2

**LOCATED IN UTAH COUNTY, UTAH
SECTION 33, T2S, R2E, U.S.B.&M.**

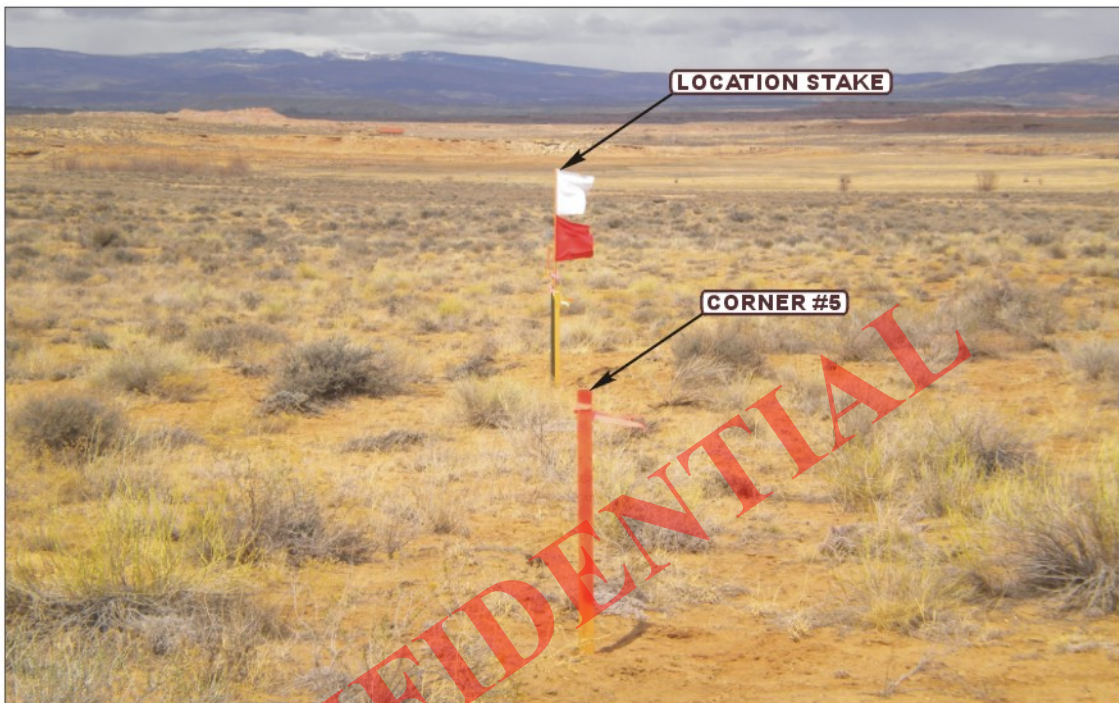


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

03 29 12
MONTH DAY YEAR

PHOTO

TAKEN BY: C.R. DRAWN BY: B.G. REVISED: 00-00-00

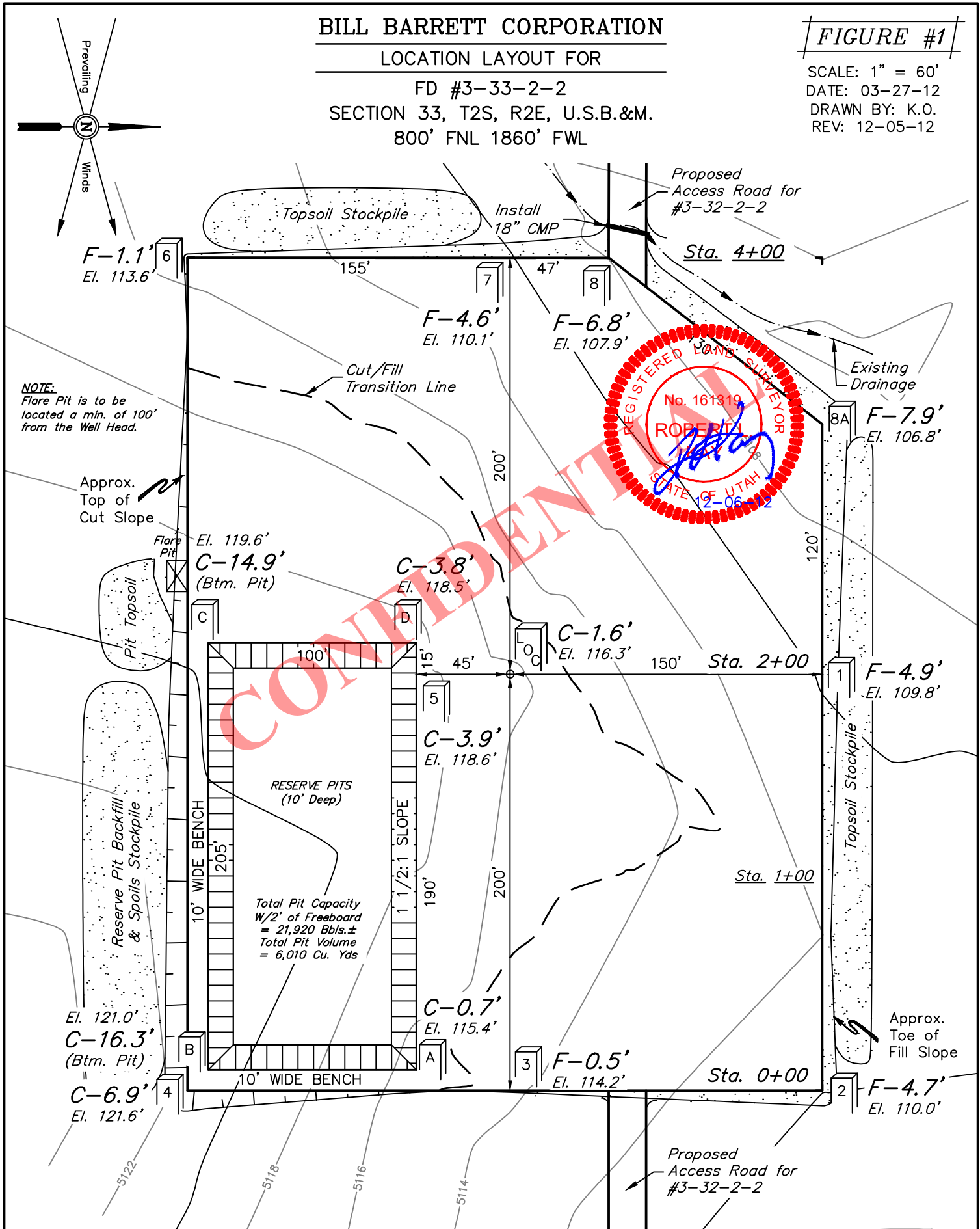
BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

FD #3-33-2-2
SECTION 33, T2S, R2E, U.S.B.&M.
800' FNL 1860' FWL

FIGURE #1

SCALE: 1" = 60'
DATE: 03-27-12
DRAWN BY: K.O.
REV: 12-05-12



Elev. Ungraded Ground At Loc. Stake = 5116.3'
FINISHED GRADE ELEV. AT LOC. STAKE = 5114.7'

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BILL BARRETT CORPORATION**TYPICAL CROSS SECTIONS FOR**

FD #3-33-2-2

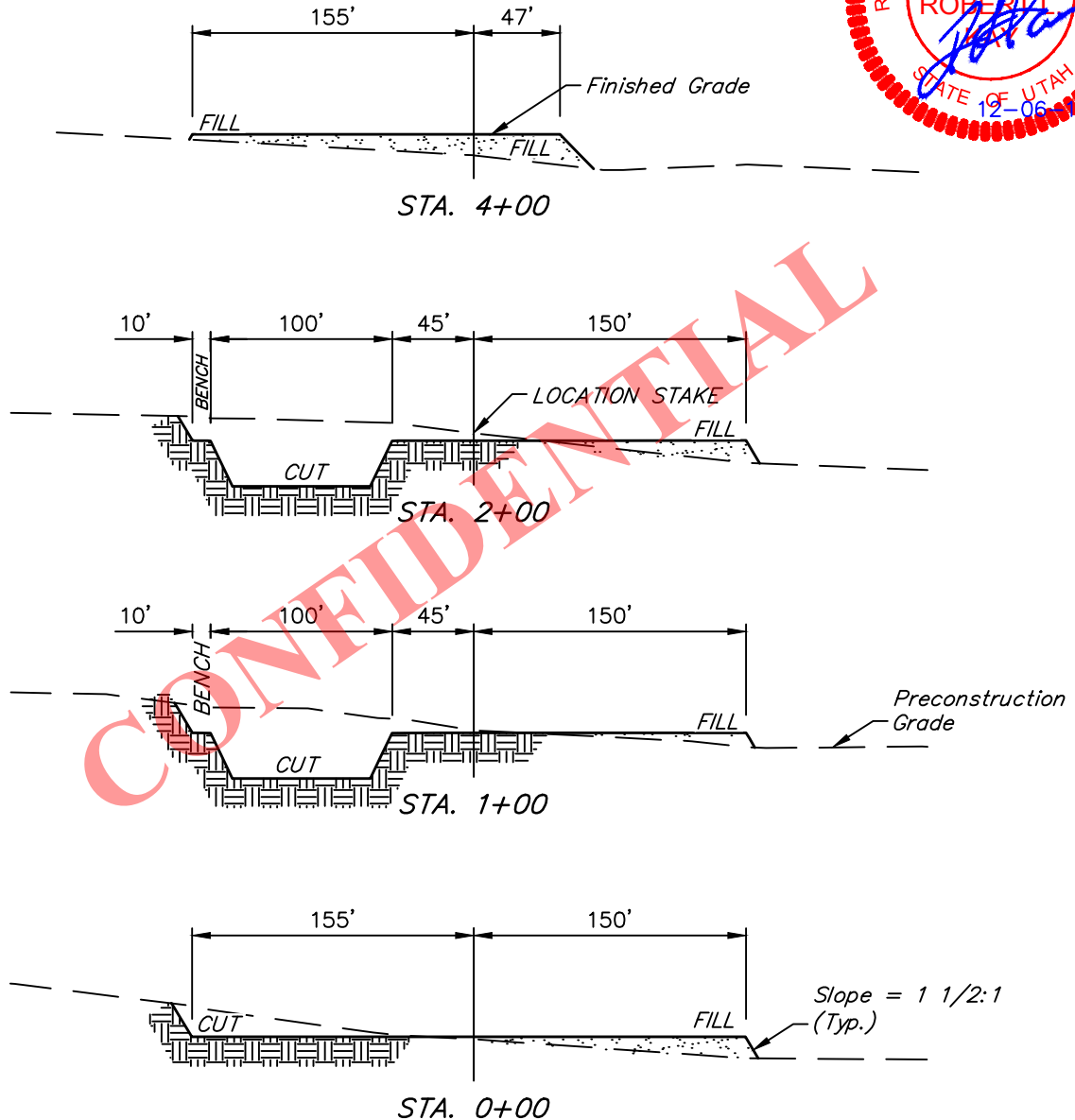
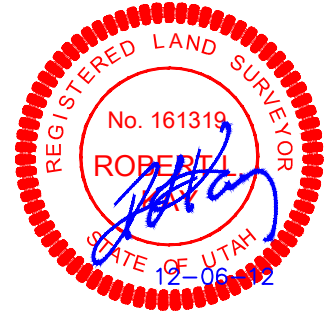
SECTION 33, T2S, R2E, U.S.B.&M.

800' FNL 1860' FWL

FIGURE #2

1" = 40'
X-Section
Scale
1" = 100'

DATE: 03-27-12
DRAWN BY: K.O.
REV: 12-05-12

**NOTE:**

Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 4.478 ACRES
ACCESS ROAD DISTURBANCE = ± 2.112 ACRES
TOTAL = ± 6.590 ACRES

*** NOTE:**

FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,360 Cu. Yds.
Remaining Location = 11,760 Cu. Yds.
TOTAL CUT = 14,120 CU. YDS.
FILL = 8,750 CU. YDS.

EXCESS MATERIAL = 5,370 Cu. Yds.
Topsoil & Pit Backfill = 5,370 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: April 29, 2013

BILL BARRETT CORPORATION**TYPICAL RIG LAYOUT FOR**

FD #3-33-2-2

SECTION 33, T2S, R2E, U.S.B.&M.

800' FNL 1860' FWL

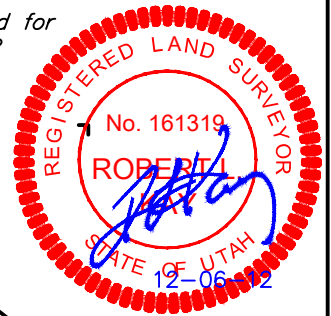
FIGURE #3

SCALE: 1" = 60'

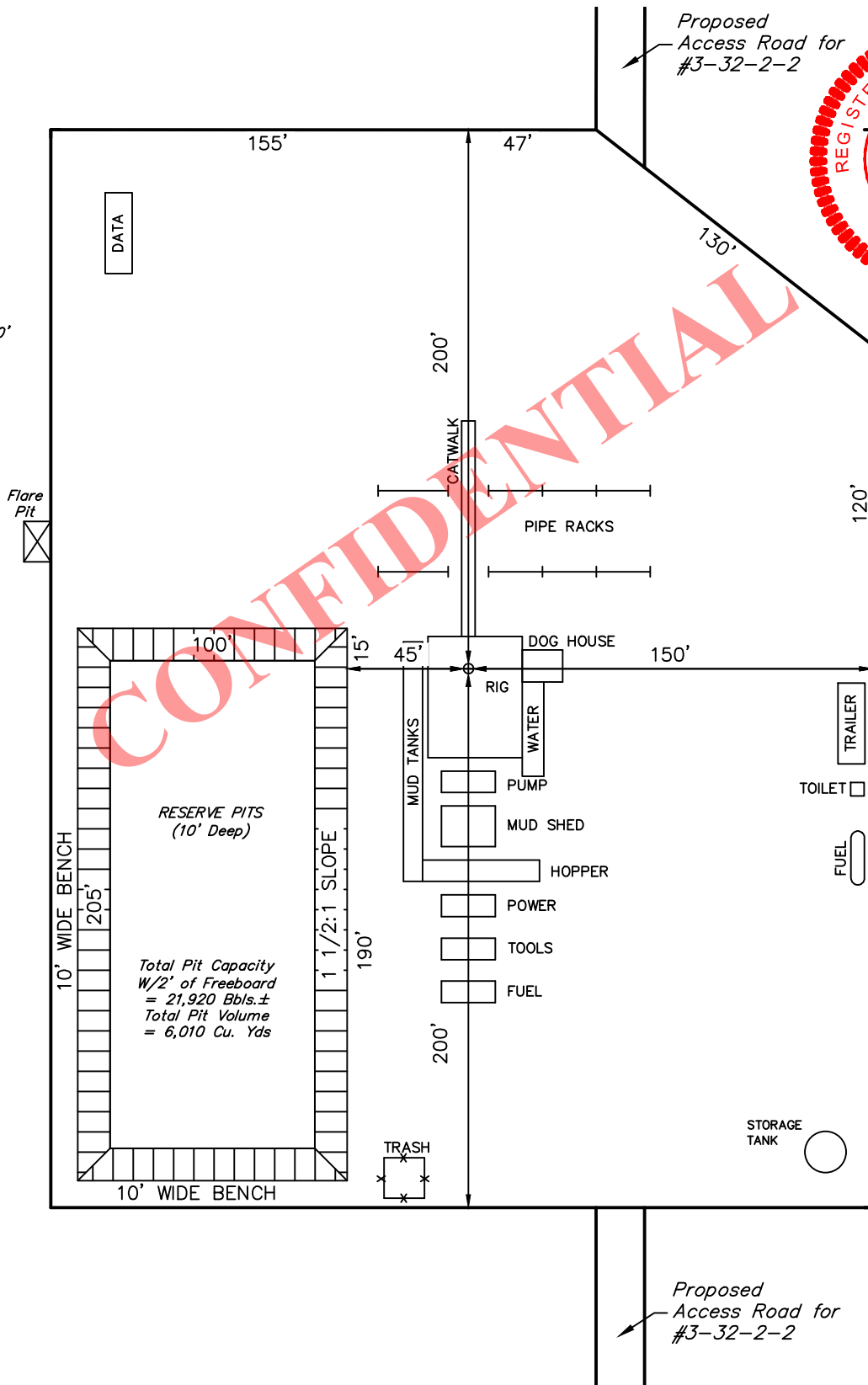
DATE: 03-27-12

DRAWN BY: K.O.

REV: 12-05-12



NOTE:
Flare Pit is to be
located a min. of 100'
from the Well Head.

**UINTAH ENGINEERING & LAND SURVEYING**

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

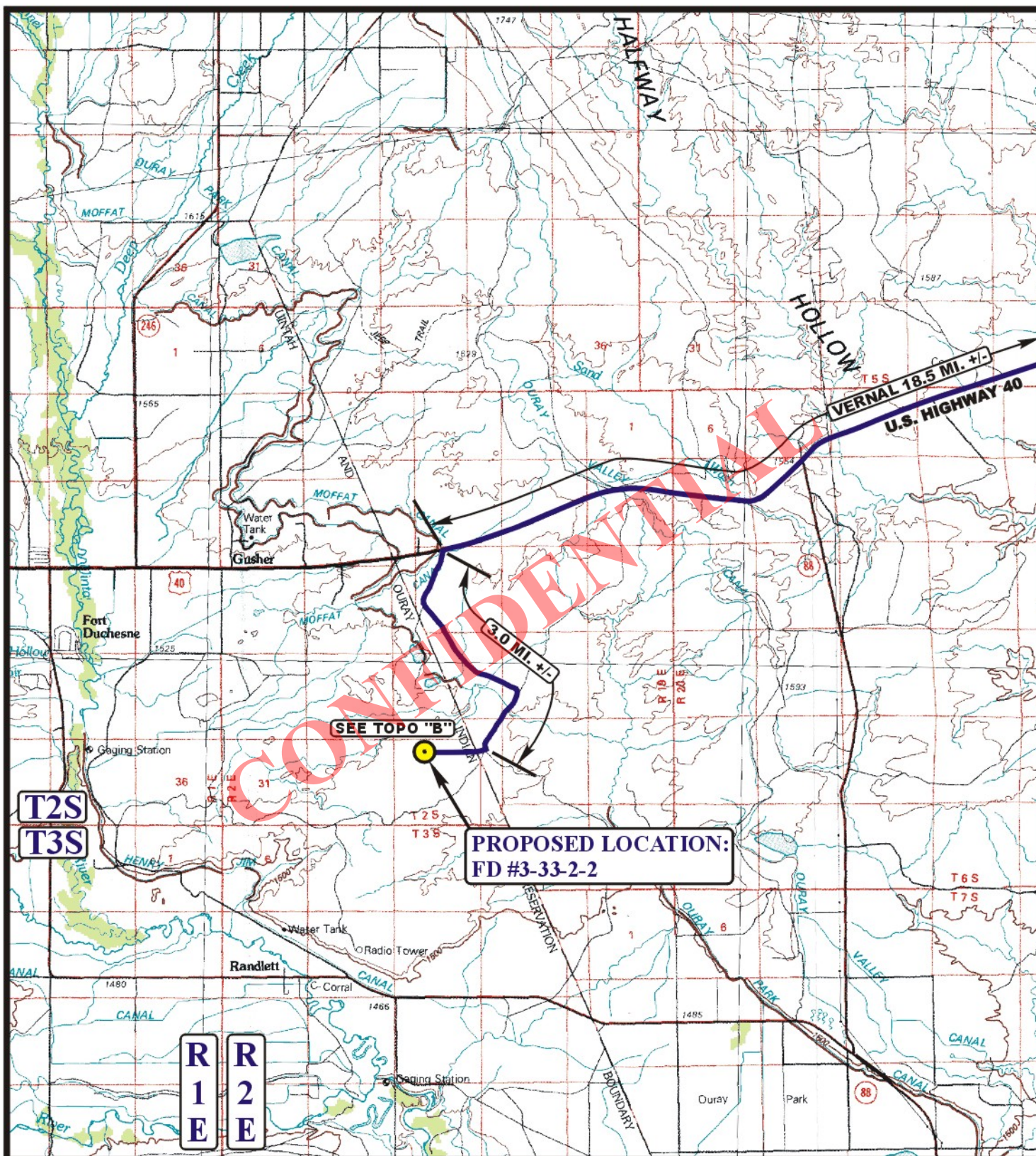
RECEIVED: April 29, 2013

BILL BARRETT CORPORATION
FD #3-33-2-2
SECTION 33, T2S, R2E, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 18.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 3.0 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 3,445' TO THE PROPOSED WELL LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 22.2 MILES.

CONFIDENTIAL

**LEGEND:**

 PROPOSED LOCATION

**BILL BARRETT CORPORATION**

FD #3-33-2-2

SECTION 33, T2S, R2E, U.S.B.&M.

800' FNL 1860' FWL



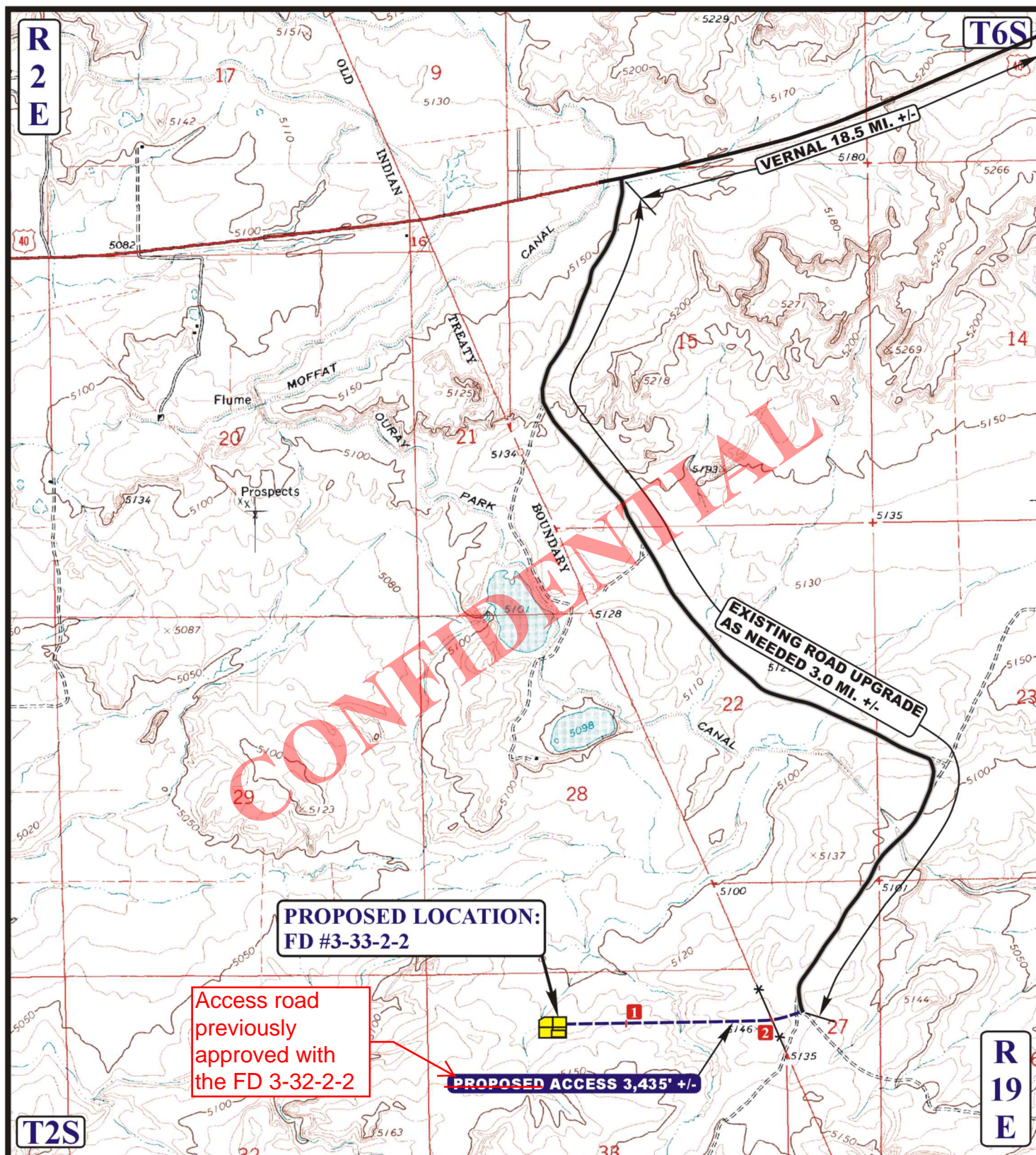
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**ACCESS ROAD
MAP**

03 29 12
MONTH DAY YEAR



SCALE: 1:100,000 DRAWN BY: B.G. REVISED: 00-00-00

**LEGEND:**

	EXISTING ROAD
	EXISTING ROAD (UPGRADE AS NEEDED)
	PROPOSED ACCESS
	EXISTING FENCE
	18" CMP REQUIRED
	CATTLE GUARD REQUIRED

BILL BARRETT CORPORATION**FD #3-33-2-2****SECTION 33, T2S, R2E, U.S.B.&M.****800' FNL 1860' FWL**

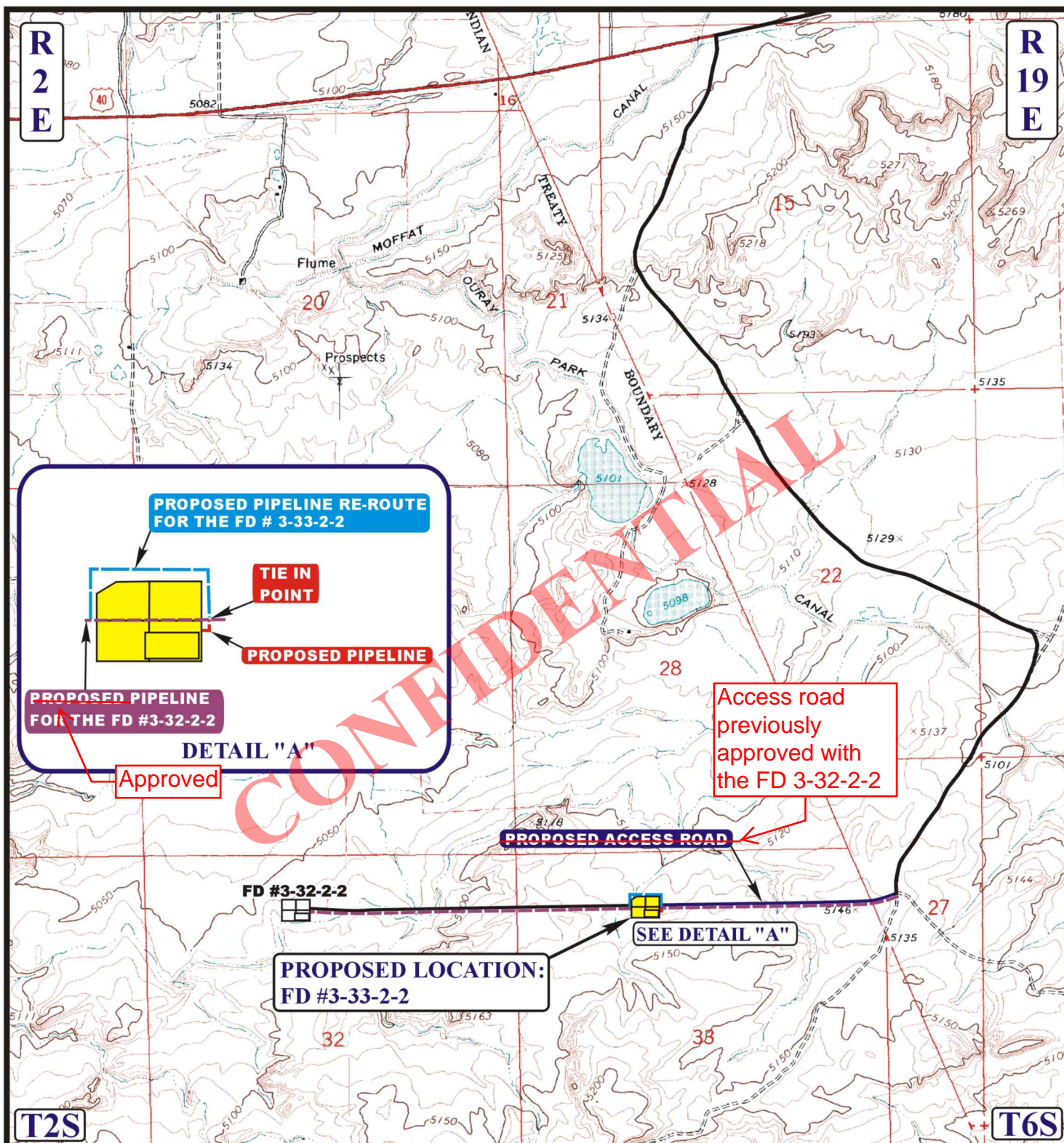
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**ACCESS ROAD
MAP**

03 29 12
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.G. REV: 12-06-12 C.L.

**B
TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 56' +/-

LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS
- PROPOSED PIPELINE (SERVICING OTHER WELLS)
- PROPOSED PIPELINE
- PROPOSED PIPELINE RE-ROUTE



BILL BARRETT CORPORATION

FD #3-33-2-2

SECTION 32, T2S, R2E, U.S.B.&M.

800' FNL 1860' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

03 29 12
MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: B.G.

REV: 12-06-12 C.L.



SURFACE USE AGREEMENT
(FD 3-33-2-2)

THIS AGREEMENT Dated November 9, 2012 by and between _____
Vernon B. Richens and Eva Diane Richens, husband and wife, as joint tenants with full rights of survivorship
whose address is P.O. Box 722, Ft. Duchesne, UT 84026
Phone # (435) 545-2535 _____, hereinafter referred to as "Surface Owner", and
Bill Barrett Corporation and its Subsidiaries _____, whose address is 1099 18th Street, #2300, Denver, CO 80202
hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owner represents that he is the owner in fee and in possession of the surface estate for the following described lands in **Uintah** County, **Utah** , hereinafter referred to as "Lands", to wit:
Tracts of land lying in the **NE/4NW/4, N/2NE/4 of Section 33, Township 2 South, Range 2 East, USM**, as further described on Exhibit "A" attached hereto and made a part hereof.

WHEREAS, Operator has or will acquire certain leasehold interests in the oil and gas mineral estate in the Lands and proposes to conduct drilling and subsequent production operations on the Lands; and

WHEREAS, Surface Owners are generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

WHEREAS, the parties believe that it is in their mutual best interest to agree to the amount of damages to be assessed incident to the operations of Operator on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Operator covering portions of the mineral estate of the Lands; and,

WHEREAS, the parties believe that a reasonable estimate can be made of the damages which will result from the exploration, development and production operations contemplated by such oil and gas leases.

NOW, THEREFORE, in consideration of ten dollars and other valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Operator has the right of ingress and egress and to the use of those portions of the Lands which it requires for oil and gas exploration, development and production operations, including tank batteries and other production facilities and the transportation of produced substances from the leasehold, and also the right to construct and use roads and pipelines across portions of the Lands. Operator shall pay Surface Owners as liquidated damages the following sum as full settlement and satisfaction of all damages growing out of, incident to, or in connection with the usual and customary exploration, drilling, completion, sidetracking, reworking, equipping and production operations, contemplated by the oil and gas leases covering the Lands, unless otherwise specifically provided herein:

;

- b. **Powerlines.** Grant a Right-of-Way Easement for overhead and/or underground power lines and power line facilities to be exercised by Moon Lake Electric Association, Inc., throughout their service territory.
- 2. Operator agrees to consult with the surface owners and/or tenant as to all routes of ingress and egress. Prior to the construction of any roads, pipelines, tank battery installations, or installation of any other equipment on the leased premises, Operator shall consult with the surface owners and/or tenant as to the location and direction of same.
- 3. It is the intention of the parties hereto to cause as little interference with farming operations on the leased premises as reasonably possible, including but specifically not limited to the operation of any pivotal irrigation sprinkler system, or any other irrigation method. If any circular irrigation sprinkler system is in use at the time of initial drilling operations on the leased premises, then any subsequent production equipment, including but specifically not limited to pump jacks, hydraulic lifting equipment, or any other equipment necessary to produce any oil or gas from such well, shall be recessed to such depths, or ramps constructed, so as to allow the continued use of such circular irrigation system.
- 4. In the event any well hereunder is plugged and abandoned, Operator agrees that Operator will, within a reasonable time, restore Surface Owner's surface estate as near as practical to its original condition found prior to Operator's operations. It is understood and agreed that Surface Owners may elect in writing, prior to cessation of operations of Operator, to have any road constructed under the terms of this Agreement remain upon the property, in which event Operator agrees to leave such road or roads in reasonable condition.
- 5. Operator is responsible for acquiring all necessary permits, licenses, fees, etc. incident to its operations on the Lands.

6. In the event Surface Owners consider Operator has not complied with all its obligations hereunder, both express and implied, Surface Owners shall notify Operator in writing, setting out specifically in what respects Operator has breached this contract. Operator shall then have sixty (60) days to meet or commence to meet all or any part of the breaches alleged by Surface Owners. The service of said notice shall be precedent to the bringing of any action by Surface Owners for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Operator. In the event of litigation, the prevailing party's reasonable attorney's fees will be paid by the opposing party.

7. Operator shall be responsible and shall remain liable for any environmental problems on the subject lands which are caused by or through its operations. To the extent that any such claims are asserted, Operator will be responsible for any remediation required as provided by state regulations. This assumption of liability, however, does not include any third-party operations on the subject lands or any Surface Owners actions which could cause environmental problems but is limited solely to the actions of Operator. Operator hereby indemnifies and holds harmless Surface Owners from any and all environmental problems it causes on the Lands.

8. In the event Surface Owners own less than the entire fee interest in the Lands, then any payment stated herein shall be proportionately reduced to the interest owned.

9. This Agreement shall remain in full force and effect from the date hereof and for so long thereafter as Operator's oil and gas operations affecting the Lands are in effect.

10. When the word "Operator" is used in this Agreement, it shall also mean the successors and assigns of Operator, including but not limited to its employees and officers, agents, affiliates, contractors, subcontractors and/or purchasers.

11. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the parties.

ADDITIONAL PROVISIONS:

SURFACE OWNERS:

Vernon B Richens
By: Vernon B. Richens

Eva Diane Richens
By: Eva Diane Richens

STATE of Utah
COUNTY of Uintah

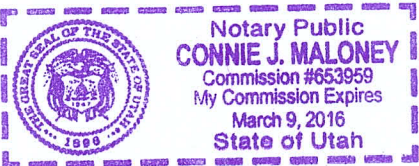
ACKNOWLEDGEMENT

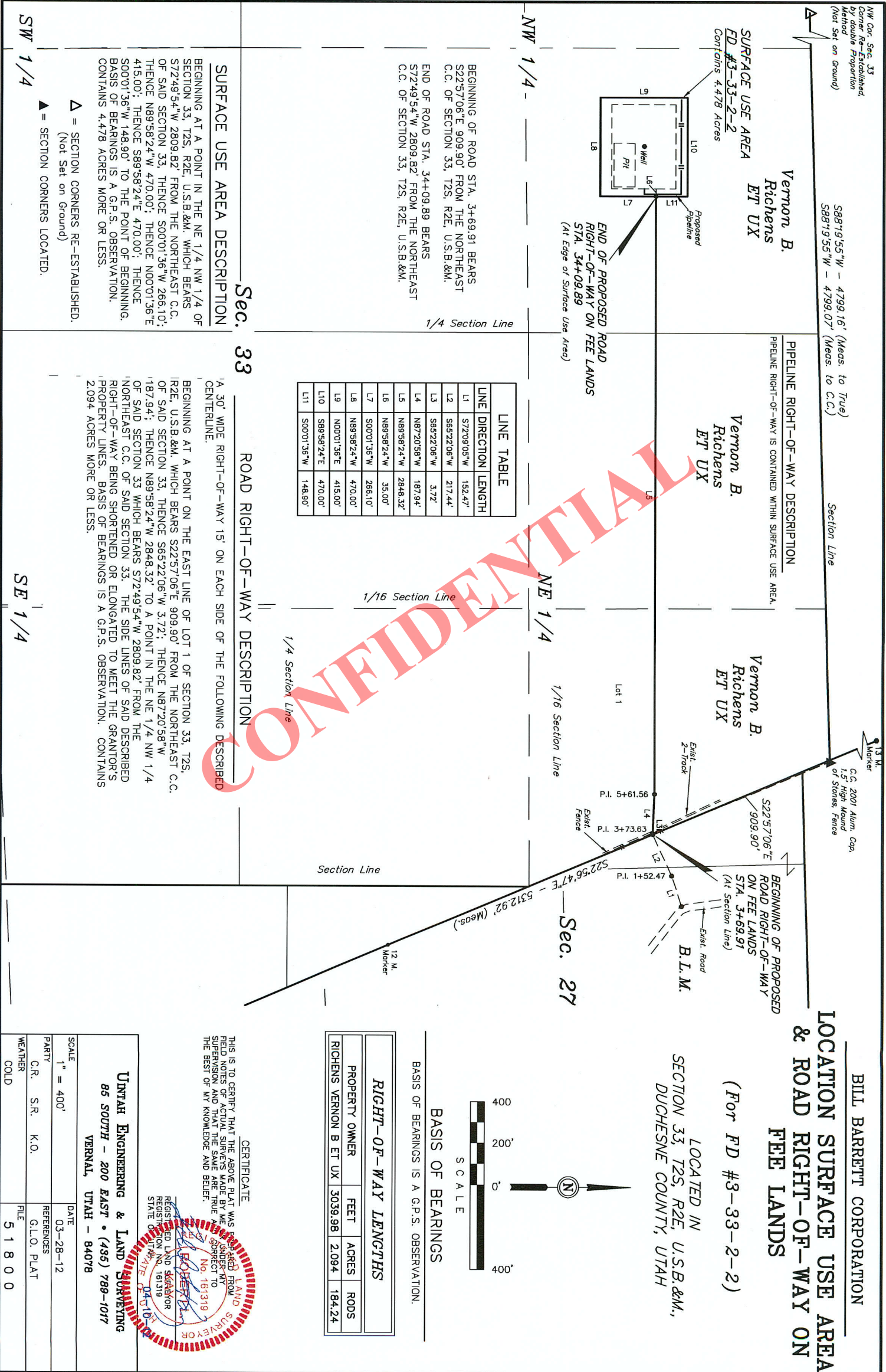
BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 9th day of November, 2012 personally appeared Vernon B. Richens and Eva Diane Richens, husband and wife, as joint tenants with full rights of survivorship, to me known to be the Identical person(s) , described in and who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed same as their free and voluntary act and deed for the uses and purposes therein set forth and in the capacity stated therein.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires: 3-9-16

Connie J. Maloney
Notary Public:





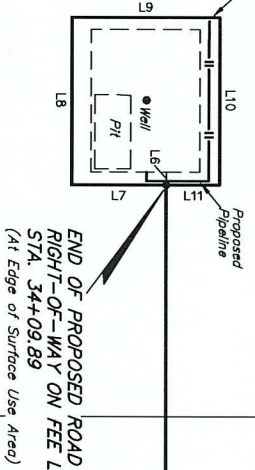
NW Cor. Sec. 33
Corner Re-Established
by double Proportion
Method
(Not Set on Ground)

S88°19'55"W - 4799.16' (Meas. to True)
S88°19'55"W - 4799.07' (Meas. to C.C.)

Section Line

Vernon B.
Richens
ET UX

SURFACE USE AREA
FD #3-33-2-2
Contains 4.478 Acres



END OF PROPOSED ROAD
RIGHT-OF-WAY ON FEE LANDS
STA. 34+09.89
(At Edge of Surface Use Area)

NW 1/4

BEGINNING OF ROAD STA. 3+69.91 BEARS
S22°57'06"E 909.90' FROM THE NORTHEAST
C.C. OF SECTION 33, T2S, R2E, U.S.B.&M.

END OF ROAD STA. 34+09.89 BEARS
S72°49'54"W 2809.82' FROM THE NORTHEAST
C.C. OF SECTION 33, T2S, R2E, U.S.B.&M.

1/4 Section Line

PIPELINE RIGHT-OF-WAY DESCRIPTION
PIPELINE RIGHT-OF-WAY IS CONTAINED WITHIN SURFACE USE AREA.

Vernon B.
Richens
ET UX

Vernon B.
Richens
ET UX

NE 1/4

1/16 Section Line

LINE TABLE	
LINE	DIRECTION LENGTH
L1	S72°08'05"W 152.47'
L2	S65°22'06"W 217.44'
L3	S65°22'06"W 3.72'
L4	N87°20'58"W 187.94'
L5	N89°58'24"W 2848.32'
L6	N89°58'24"W 35.00'
L7	S00°01'36"W 266.10'
L8	N89°58'24"W 470.00'
L9	N00°01'36"E 415.00'
L10	S89°58'24"E 470.00'
L11	S00°01'36"W 148.90'

1/16 Section Line

1/4 Section Line

ROAD RIGHT-OF-WAY DESCRIPTION

Sec. 33

1/4 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE EAST LINE OF LOT 1 OF SECTION 33, T2S, R2E, U.S.B.&M. WHICH BEARS S22°57'06"E 909.90' FROM THE NORTHEAST C.C. OF SAID SECTION 33, THENCE S65°22'06"W 3.72'; THENCE N87°20'58"W 187.94'; THENCE N89°58'24"W 2848.32' TO A POINT IN THE NE 1/4 NW 1/4 OF SAID SECTION 33 WHICH BEARS S72°49'54"W 2809.82' FROM THE NORTHEAST C.C. OF SAID SECTION 33. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 2.094 ACRES MORE OR LESS.

Δ = SECTION CORNERS RE-ESTABLISHED.
(Not Set on Ground)
▲ = SECTION CORNERS LOCATED.

SW 1/4

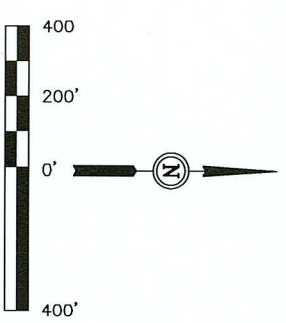
SE 1/4

BILL BARRETT CORPORATION

LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(For FD #3-33-2-2)

LOCATED IN
SECTION 33, T2S, R2E, U.S.B.&M.,
DUCHESSNE COUNTY, UTAH



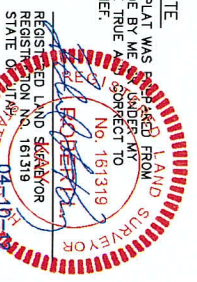
SCALE

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
RICHENS VERNON B ET UX	3039.98	2.094	184.24

CERTIFICATE
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME AND UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO
THE BEST OF MY KNOWLEDGE AND BELIEF.

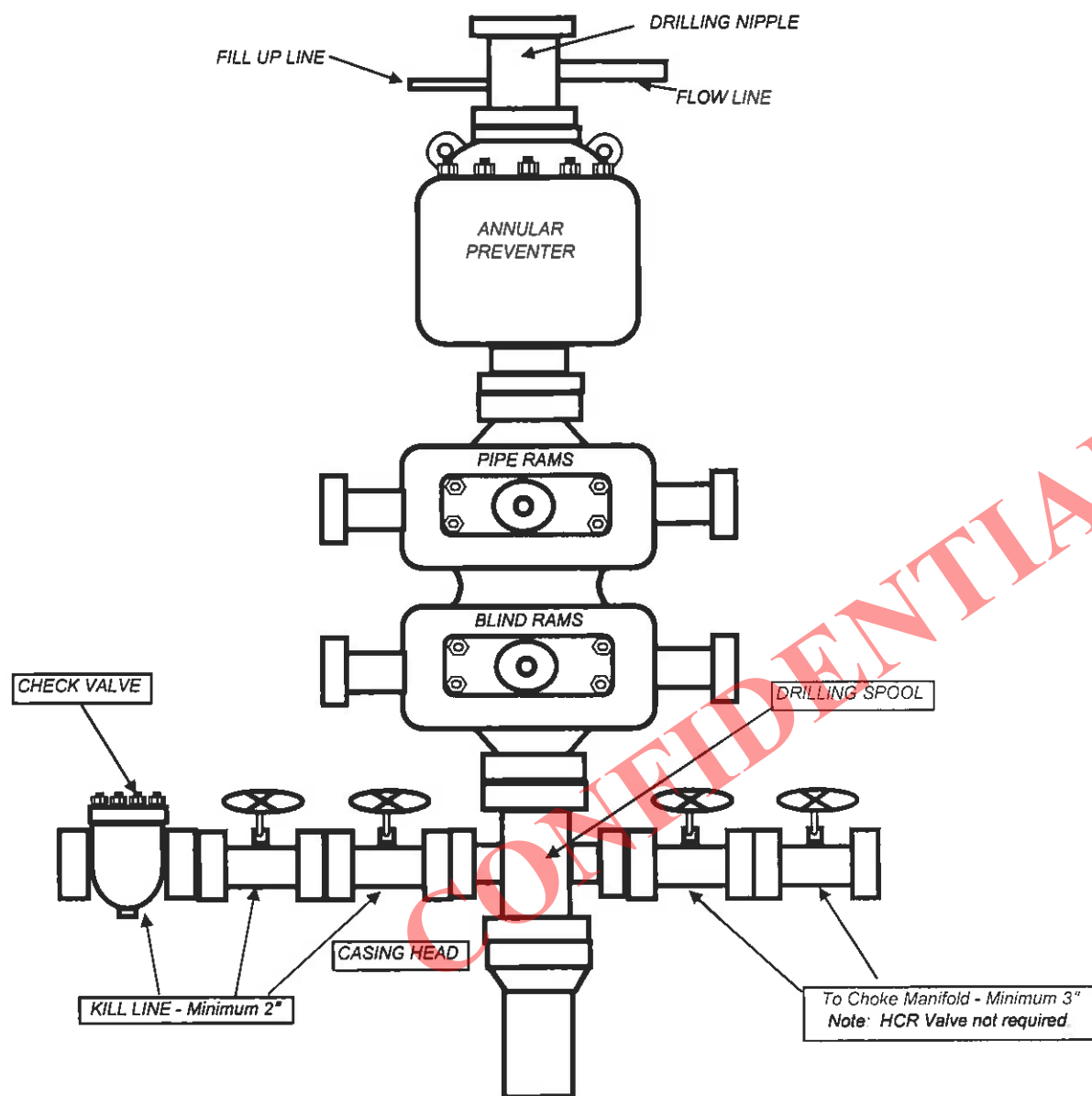


UNTARH ENGINEERING & LAND SURVEYING
66 SOUTH - 200 EAST • (435) 768-1017
VERNAL, UTAH - 84078

SCALE	DATE
1" = 400'	03-28-12
PARTY	REFERENCES
C.R. S.R. K.O.	G.L.O. PLAT
WEATHER	FILE
COLD	5 1 8 0 0

BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER





AFFIDAVIT OF NOTICE

My name is Thomas J. Abell. I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted an Application to commingle production from the Wasatch and Green River formations in the following well within the Fort Duchesne Field:

FD 3-33-2-2 Well NENW 33 T2S-R2E

In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Application, by certified mail, to the owners as listed below of all contiguous oil and gas Leases or drilling units overlying the pool.

Lessees

Ute Energy Upstream Holdings LLC
Axia Energy
El Paso Corporation

Date: October 31, 2012

Affiant

BILL BARRETT CORPORATION

Beady Riley

Thomas J. Abell *for*
Landman



November 1, 2012

Utah Division of Oil, Gas and Mining
Attention: Dustin Doucet
1594 West North Temple, Suite 1120
Salt Lake City, Utah

RE:Sundry Notices
Fort Duchesne Unit
FD 3-33-2-2
NENW, Section 33 T2S R2E
Uintah County,UT

Dear Mr. Doucet,

Bill Barrett Corportaion has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well located in the Fort Duchesne Unit. In compliance with Utah OGM regulation R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Thomas J. Abell *for*
Landman

Enclosures



November 1, 2012

Ute Energy Upstream Holdings, L.L.C.
1875 Lawrence St., Suite 200
Denver, CO 80202

RE: Commingling Application
FD 3-33-2-2
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION



Thomas J. Abell *for*
Landman



November 1, 2012

Axia Energy
1430 Larimer Street, Suite 400
Denver, CO 80202

RE: Commingling Application
FD 3-33-2-2
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Beachley

Thomas J. Abell *for*
Landman

Enclosures



November 1, 2012

Douglas R Hansen
PO Box 232
Cheyenne, WY 82003

RE: Commingling Application
FD 3-33-2-2
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION
Becky Rley
Thomas J. Abell *for*
Landman

Enclosures



November 1, 2012

EP Energy E&P Company
1001 Louisiana Street
Houston, TX 77002

RE: Commingling Application
FD 3-33-2-2
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

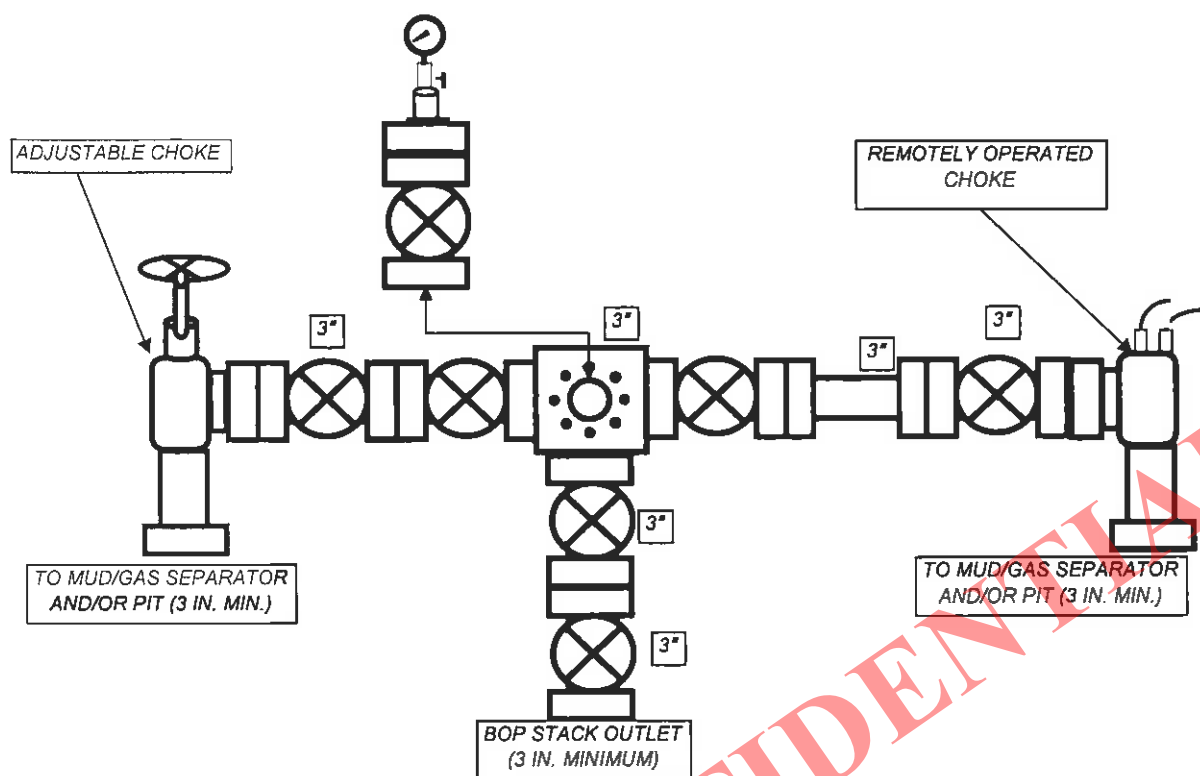
Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

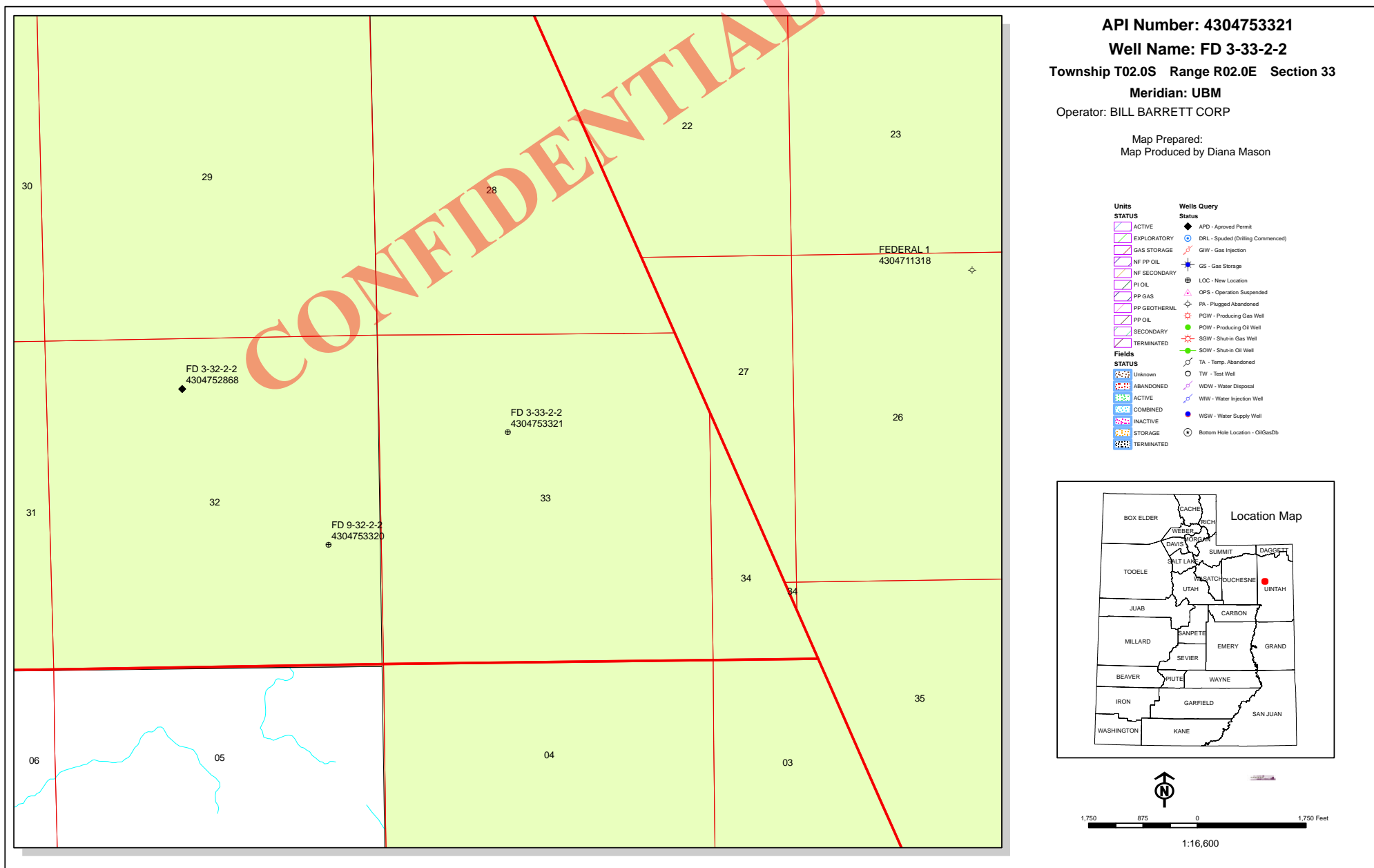
BILL BARRETT CORPORATION
Beady Riley
Thomas J. Abell *for*
Landman

Enclosures

BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD





Well Name	BILL BARRETT CORP FD 3-33-2-2 43047533210000			
String	COND	SURF	PROD	
Casing Size(in)	16.000	9.625	5.500	
Setting Depth (TVD)	80	1500	10055	
Previous Shoe Setting Depth (TVD)	0	80	1500	
Max Mud Weight (ppg)	8.8	8.8	9.6	
BOPE Proposed (psi)	0	0	5000	
Casing Internal Yield (psi)	1000	3520	10640	
Operators Max Anticipated Pressure (psi)	5019		9.6	

Calculations	COND String	16.000	"
Max BHP (psi)	.052*Setting Depth*MW=	37	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	27	NO fresh wtr spdd mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	19	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	19	NO
Required Casing/BOPE Test Pressure=		0	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

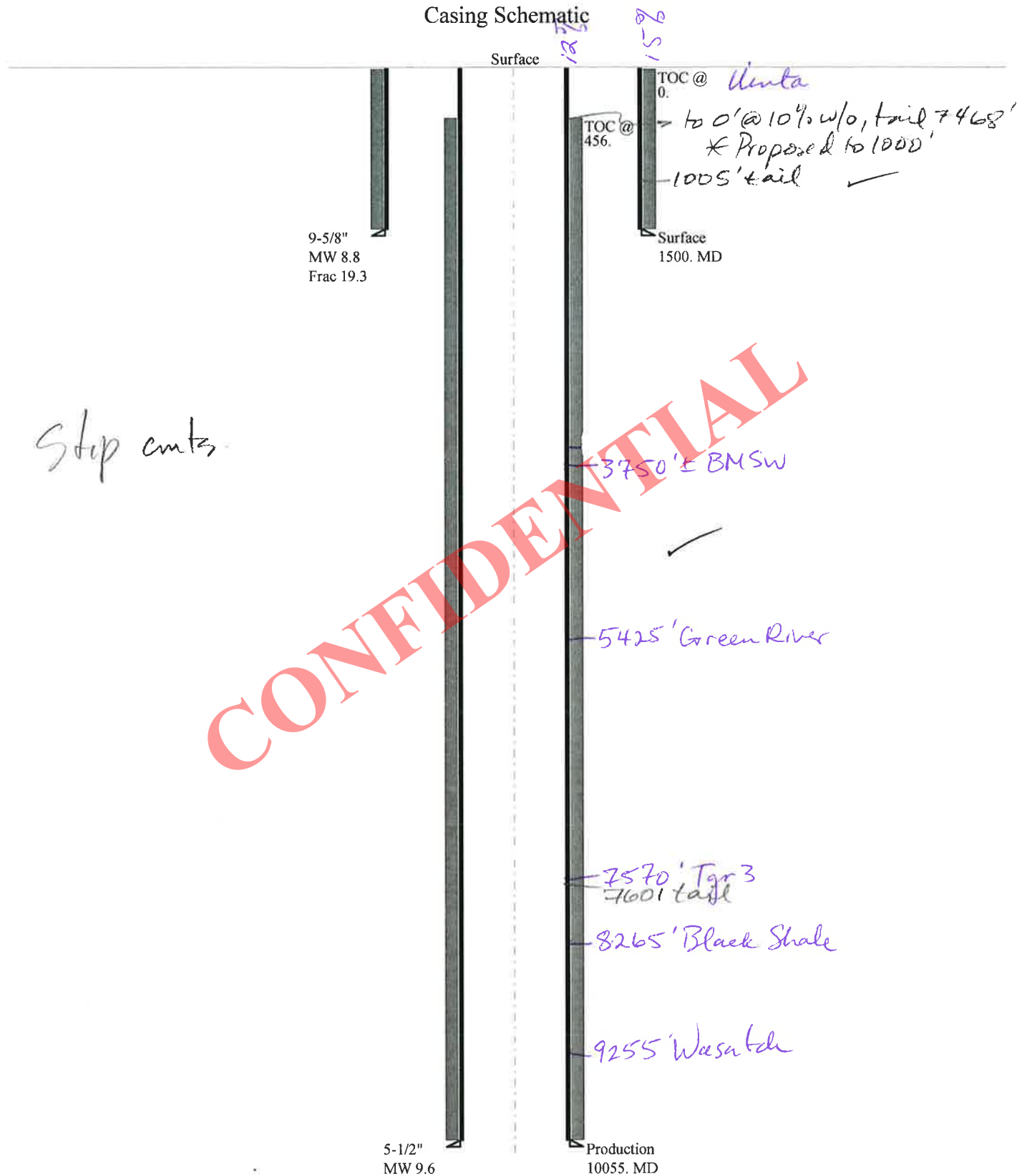
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	686	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	506	NO fresh water spud mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	356	NO OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	374	NO
Required Casing/BOPE Test Pressure=		1500	psi
*Max Pressure Allowed @ Previous Casing Shoe=		80	psi *Assumes 1psi/ft frac gradient

Calculations	PROD String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	5019	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3812	YES DAP polymer fluid
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2807	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3137	NO Reasonable for area
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1500	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

43047533210000 FD 3-33-2-2

Casing Schematic



Well name:

43047533210000 FD 3-33-2-2

Operator:

BILL BARRETT CORP

String type:

Surface

Project ID:

43-047-53321

Location:

UINTAH COUNTY

Design parameters:**Collapse**

Mud weight: 8.800 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 74 °F

Bottom hole temperature: 95 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface

pressure: 1,320 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 1,500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.70 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 1,305 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 10,055 ft

Next mud weight: 9.600 ppg

Next setting BHP: 5,014 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 1,500 ft

Injection pressure: 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1500	9.625	36.00	J-55	ST&C	1500	1500	8.796	13037
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	686	2020	2.946	1500	3520	2.35	47	394	8.39 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & MiningPhone: 801-538-5357
FAX: 801-359-3940Date: December 5, 2012
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 1500 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43047533210000 FD 3-33-2-2	
Operator:	BILL BARRETT CORP	Project ID:
String type:	Production	43-047-53321
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 9.600 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 215 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 456 ft

Burst

Max anticipated surface pressure: 2,802 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,014 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.
Neutral point: 8,591 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	10055	5.5	17.00	P-110	LT&C	10055	10055	4.767	66230

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5014	7480	1.492	5014	10640	2.12	170.9	445	2.60 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 5, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10055 ft, a mud weight of 9.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name FD 3-33-2-2
API Number 43047533210000 **APD No** 7125 **Field/Unit** WILDCAT
Location: 1/4,1/4 NENW **Sec** 33 **Tw** 2.0S **Rng** 2.0E 800 FNL 1860 FWL
GPS Coord (UTM) 603981 445802 **Surface Owner** VERNON RICHENS

Participants

Jim Burns (permit contractor), Kary Eldredge (BBC), Cody Rich (surveyor), Whitney Fox (wetlands)

Regional/Local Setting & Topography

This well is located just over 2 miles south of Highway 40 at a point approximately 18.5 miles west of Vernal, Utah. This is an area of open desert with sandy soils, small broken and rugged hills and some exposed ledge rock. Drainage from this site is to the north to wide shallow draw which then leads west toward the Uinta River.

Surface Use Plan

Current Surface Use
Grazing

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.65	Width 305 Length 400	Offsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Rabbit brush

Soil Type and Characteristics

Sandy clay soil with some gravel

Erosion Issues Y

Highly erodible soil but in a good stable side

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? Y

Small diversion needed around north west corner

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? N

Reserve Pit

Site-Specific Factors

Site Ranking

**Distance to Groundwater (feet)
Distance to Surface Water (feet)
Dist. Nearest Municipal Well (ft)
Distance to Other Wells (feet)
Native Soil Type
Fluid Type
Drill Cuttings
Annual Precipitation (inches)
Affected Populations
Presence Nearby Utility Conduits**

Final Score

Sensitivity Level

Characteristics / Requirements

The reserve pit is proposed in a cut stable location. Dimensions are 205 x 100 x 10ft. Bill Barrett representative Kary Eldredge stated that a 20 mil reserve pit liner and felt subliner is used on all BBC locations as standard equipment. This liner program appears adequate for this location.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 20 Pit Underlayment Required? Y

Other Observations / Comments

**Richard Powell
Evaluator**

**11/20/2012
Date / Time**

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
7125	43047533210000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	VERNON RICHENS	
Well Name	FD 3-33-2-2		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NENW 33 2S 2E U 800 FNL (UTM) 604049E 4458299N		1860 FWL GPS Coord		

Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 1,500 feet of surface casing at this location. The entire surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 3,750'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 33. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought up to or above the base of the moderately saline ground water in order to isolate it from fresher waters uphole.

Brad Hill
APD Evaluator

12/4/2012
Date / Time

Surface Statement of Basis

This well is on fee surface with fee minerals. Surface owner Vernon Richens was invited to this onsite and several other well sites to be visited this day. I met with Mr. Richens to discuss the well sites in general and he stated that prior to placement of the wells on the Richens land, he was consulted and all locations were placed such that his farming and livestock operation would not be disturbed. Mr. Vernon chose not to visit each site individually but expressed that he had no concerns with any of the proposed locations. Several gates and cattle guards will be installed by Bill Barrett Corporation as requested by Vernon Richens. According to Kari Eldredge a 20 mil liner will be used for this reserve pit. This liner will be adequate for the location. A small drainage diversion is needed around the north west corner.

Richard Powell
Onsite Evaluator

11/20/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/9/2012

API NO. ASSIGNED: 43047533210000

WELL NAME: FD 3-33-2-2

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8115

CONTACT: Brady Riley

PROPOSED LOCATION: NENW 33 020S 020E

Permit Tech Review: ☒

SURFACE: 0800 FNL 1860 FWL

Engineering Review: ☒

BOTTOM: 0800 FNL 1860 FWL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.27059

LONGITUDE: -109.77626

UTM SURF EASTINGS: 604049.00

NORTHINGS: 4458299.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

LOCATION AND SITING:

☒ PLAT☐ R649-2-3.☒ Bond: STATE - LPM4138148

Unit:

☐ Potash☐ R649-3-2. General☐ Oil Shale 190-5☐ Oil Shale 190-3☐ R649-3-3. Exception☐ Oil Shale 190-13☒ Drilling Unit☒ Water Permit: 49-2336

Board Cause No: Cause 139-42

☐ RDCC Review:

Effective Date: 4/12/1985

☒ Fee Surface Agreement

Siting: 660' Fr Ext U Bdry & 1320' Fr Other Wells

☒ Intent to Commingle☐ R649-3-11. Directional Drill

Commingle Approved

Comments: Presite Completed

Stipulations: 3 - Commingle - ddoucet
5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
25 - Surface Casing - hmacdonald

RECEIVED: April 30, 2013



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: FD 3-33-2-2
API Well Number: 43047533210000
Lease Number: fee
Surface Owner: FEE (PRIVATE)
Approval Date: 4/30/2013

Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-42. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Commingling:

In accordance with Board Cause No. 139-42, commingling of the production from the Wasatch formation and the Lower Green River formation in this well is allowed.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 1000' MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
- contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 3-33-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047533210000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0800 FNL 1860 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/17/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="POWER LINE ROUTE"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached, please find the powerline route that is associated with this location for records purposes.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 11, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 5/17/2013

BILL BARRETT CORPORATION

FD #3-33-2-2

LOCATED IN UINTAH COUNTY, UTAH
SECTION 33, T2S, R2E, U.S.B.&M.

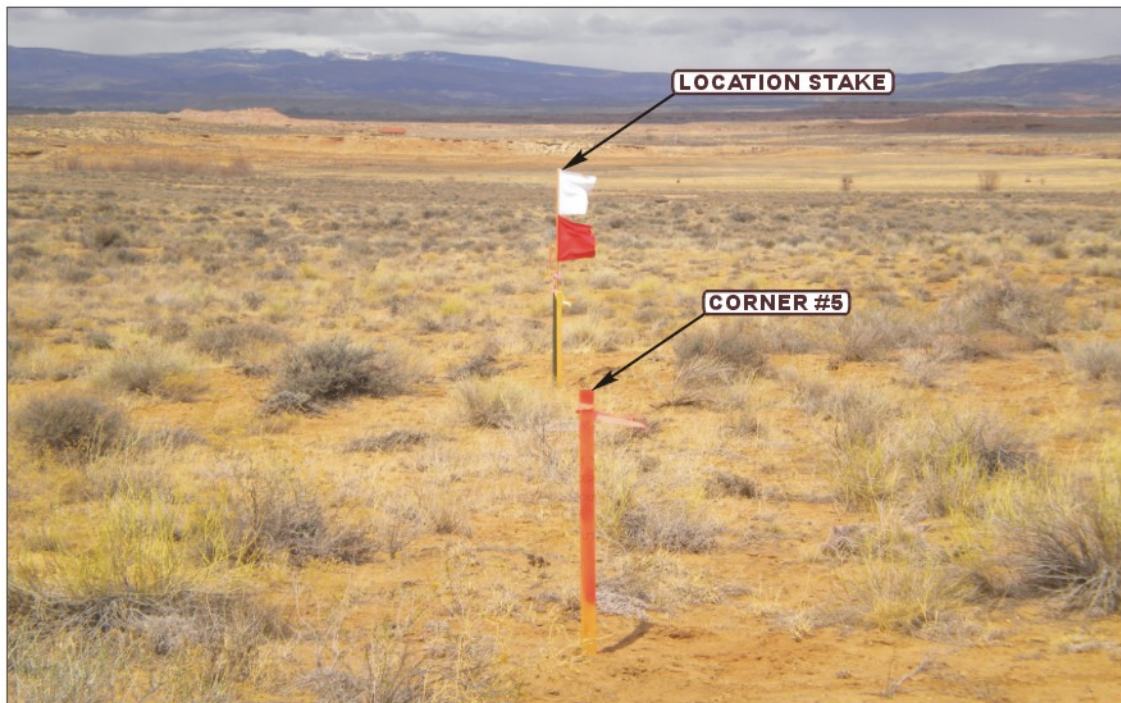


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

03 **29** **12**
MONTH DAY YEAR

PHOTO

TAKEN BY: C.R. DRAWN BY: B.G. REVISED: 00-00-00

T2S, R2E, U.S.B.&M.**BILL BARRETT CORPORATION**

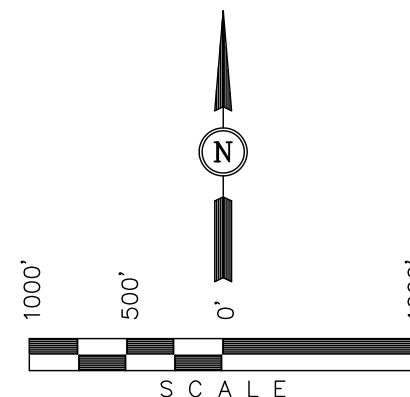
Well location, FD #3-33-2-2, located as shown in the NE 1/4 NW 1/4 of Section 33, T2S, R2E, U.S.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

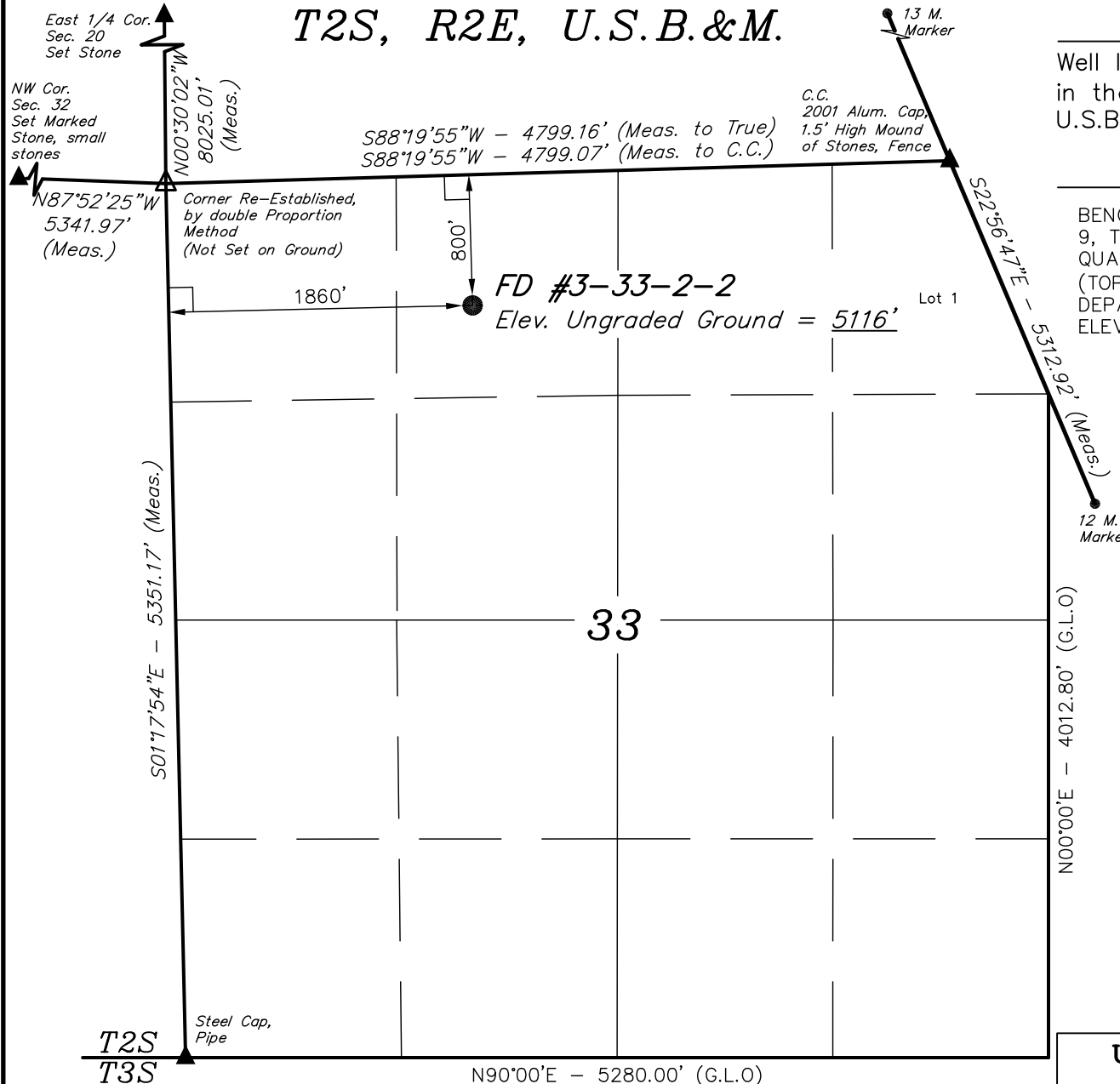
**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH
04-10-12

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-23-12	DATE DRAWN: 03-27-12
PARTY C.R. S.R. K.O.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BILL BARRETT CORPORATION	

**LEGEND:**

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

NAD 83 (SURFACE LOCATION)	
LATITUDE =	40°16'13.95" (40.270542)
LONGITUDE =	109°46'37.22" (109.777006)
NAD 27 (SURFACE LOCATION)	
LATITUDE =	40°16'14.09" (40.270581)
LONGITUDE =	109°46'34.71" (109.776308)

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

FD #3-33-2-2

SECTION 33, T2S, R2E, U.S.B.&M.

800' FNL 1860' FWL

FIGURE #1

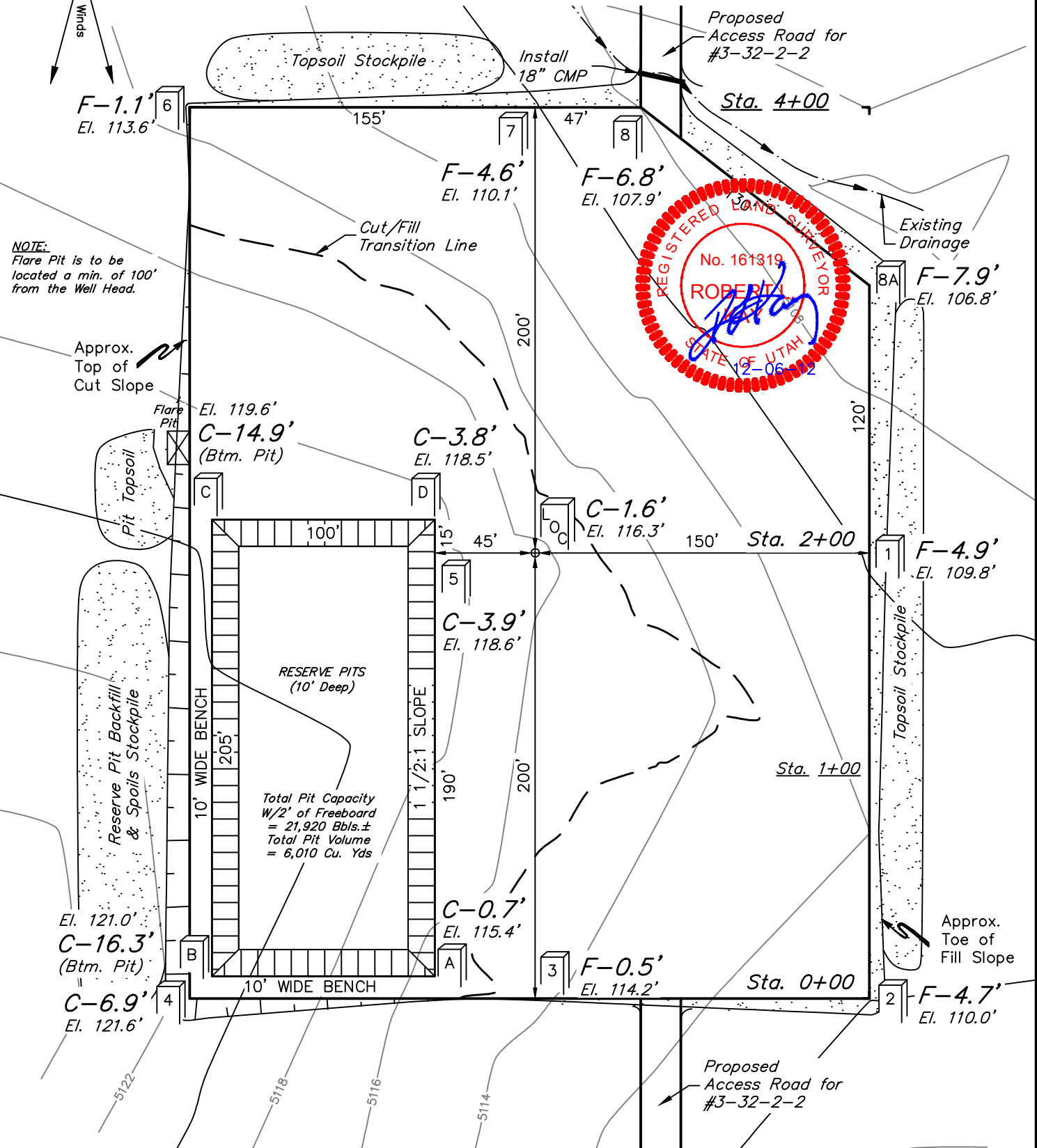
SCALE: 1" = 60'

DATE: 03-27-12

DRAWN BY: K.O.

REV: 12-05-12

NOTE:
Flare Pit is to be
located a min. of 100'
from the Well Head.



Elev. Ungraded Ground At Loc. Stake = **5116.3'**
FINISHED GRADE ELEV. AT LOC. STAKE = **5114.7'**

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: May. 17, 2013

BILL BARRETT CORPORATION**TYPICAL CROSS SECTIONS FOR**

FD #3-33-2-2

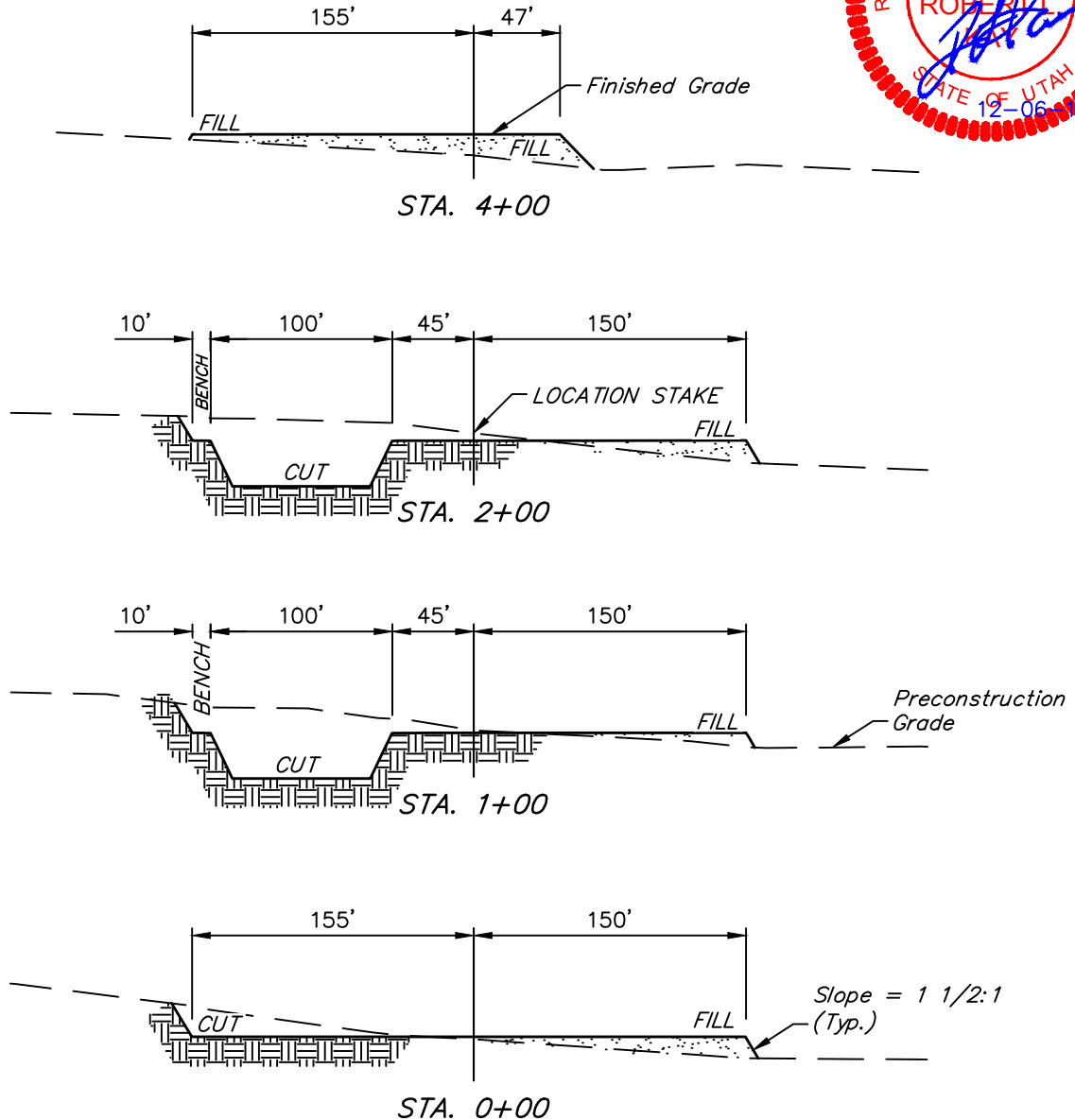
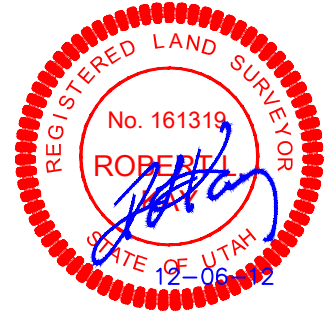
SECTION 33, T2S, R2E, U.S.B.&M.

800' FNL 1860' FWL

FIGURE #2

1" = 40'
X-Section
Scale
1" = 100'

DATE: 03-27-12
DRAWN BY: K.O.
REV: 12-05-12

**NOTE:**

Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 4.478 ACRES
ACCESS ROAD DISTURBANCE = ± 2.112 ACRES
TOTAL = ± 6.590 ACRES

*** NOTE:**

FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,360 Cu. Yds.
Remaining Location = 11,760 Cu. Yds.
TOTAL CUT = 14,120 CU. YDS.
FILL = 8,750 CU. YDS.

EXCESS MATERIAL = 5,370 Cu. Yds.
Topsoil & Pit Backfill = 5,370 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: May. 17, 2013

BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

FD #3-33-2-2

SECTION 33, T2S, R2E, U.S.B.&M.

800' FNL 1860' FWL

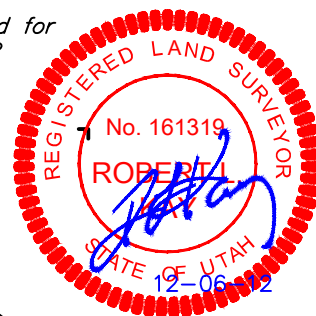
FIGURE #3

SCALE: 1" = 60'

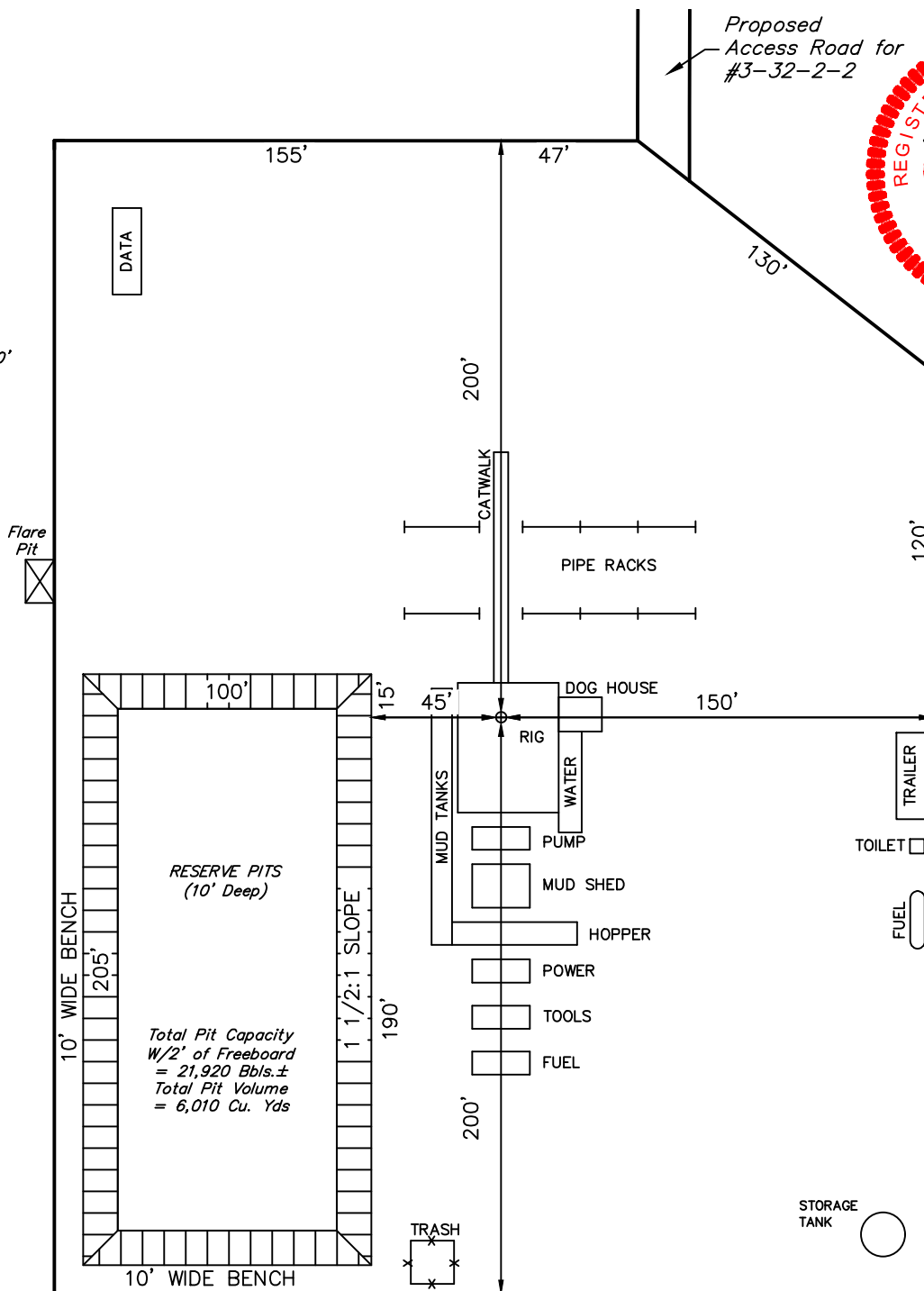
DATE: 03-27-12

DRAWN BY: K.O.

REV: 12-05-12



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.



UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: May. 17, 2013

NW Cor. Sec. 33
Corner Re-Established,
by double Proportion
Method
(Not Set on Ground)

S88°19'55"W - 4799.16' (Meas. to True)
S88°19'55"W - 4799.07' (Meas. to C.C.)

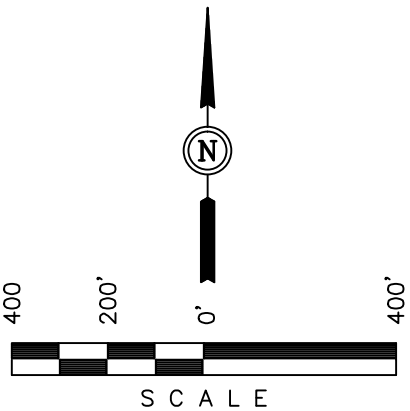
Section Line

13 M.
Marker
C.C. 2001 Alum. Cap,
1.5' High Mound
of Stones, Fence

BILL BARRETT CORPORATION
LOCATION SURFACE USE AREA
& ROAD RIGHT-OF-WAY ON
FEE LANDS

(For FD #3-33-2-2)

LOCATED IN
SECTION 33, T2S, R2E, U.S.B.&M.,
DUCHESNE COUNTY, UTAH



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
RICHENS VERNON B ET UX	3039.98	2.094	184.24

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO
THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

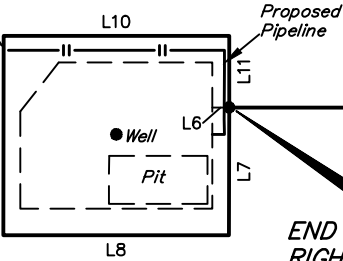
REV: 12-05-12

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 400'	DATE 03-28-12
PARTY C.R. S.R. K.O.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE 5 1 8 0 0

RECEIVED: May. 17, 2013

SURFACE USE AREA
FD #3-33-2-2
Contains 4.478 Acres



END OF PROPOSED ROAD
RIGHT-OF-WAY ON FEE LANDS
STA. 34+09.89
(At Edge of Surface Use Area)

PIPELINE RIGHT-OF-WAY DESCRIPTION

PIPELINE RIGHT-OF-WAY IS CONTAINED WITHIN SURFACE USE AREA.

Vernon B.
Richens
ET UX

Vernon B.
Richens
ET UX

Exist.
2-Track

BEGINNING OF PROPOSED
ROAD RIGHT-OF-WAY
ON FEE LANDS
STA. 3+69.91
(At Section Line)

Exist. Road
B.L.M.

P.I. 5+61.56

P.I. 3+73.63

Exist.
Fence

P.I. 1+52.47

Sec. 27

12 M.
Marker

Section Line

Lot 1

1/16 Section Line

NE 1/4

1/16 Section Line

1/4 Section Line

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S72°09'05"W	152.47'
L2	S65°22'06"W	217.44'
L3	S65°22'06"W	3.72'
L4	N87°20'58"W	187.94'
L5	N89°58'24"W	2848.32'
L6	N89°58'24"W	35.00'
L7	S00°01'36"W	266.10'
L8	N89°58'24"W	470.00'
L9	N00°01'36"E	415.00'
L10	S89°58'24"E	470.00'
L11	S00°01'36"W	148.90'

BEGINNING OF ROAD STA. 3+69.91 BEARS
S22°57'06"E 909.90' FROM THE NORTHEAST
C.C. OF SECTION 33, T2S, R2E, U.S.B.&M.

END OF ROAD STA. 34+09.89 BEARS
S72°49'54"W 2809.82' FROM THE NORTHEAST
C.C. OF SECTION 33, T2S, R2E, U.S.B.&M.

1/4 Section Line

Sec. 33

SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF
SECTION 33, T2S, R2E, U.S.B.&M. WHICH BEARS
S72°49'54"W 2809.82' FROM THE NORTHEAST C.C.
OF SAID SECTION 33, THENCE S00°01'36"W 266.10';
THENCE N89°58'24"W 470.00'; THENCE N00°01'36"E
415.00'; THENCE S89°58'24"E 470.00'; THENCE
S00°01'36"W 148.90' TO THE POINT OF BEGINNING.
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.
CONTAINS 4.478 ACRES MORE OR LESS.

△ = SECTION CORNERS RE-ESTABLISHED.
(Not Set on Ground)

▲ = SECTION CORNERS LOCATED.

SW 1/4

SE 1/4

ROAD RIGHT-OF-WAY DESCRIPTION

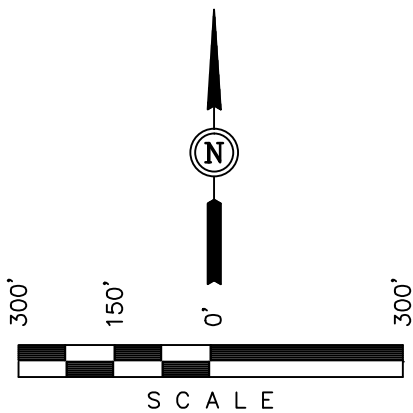
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED
CENTERLINE.

BEGINNING AT A POINT ON THE EAST LINE OF LOT 1 OF SECTION 33, T2S,
R2E, U.S.B.&M. WHICH BEARS S22°57'06"E 909.90' FROM THE NORTHEAST C.C.
OF SAID SECTION 33, THENCE S65°22'06"W 3.72'; THENCE N87°20'58"W
187.94'; THENCE N89°58'24"W 2848.32' TO A POINT IN THE NE 1/4 NW 1/4
OF SAID SECTION 33 WHICH BEARS S72°49'54"W 2809.82' FROM THE
NORTHEAST C.C. OF SAID SECTION 33. THE SIDE LINES OF SAID DESCRIBED
RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S
PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS
2.094 ACRES MORE OR LESS.

BILL BARRETT CORPORATION
POWER LINE RIGHT-OF-WAY
ON FEE LANDS

(For FD #3-33-2-2)

LOCATED IN
SECTION 33, T2S, R2E, U.S.B.&M.
UINTAH COUNTY, UTAH



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
VERNON B. RICHENS ET UX	15.00	0.052	0.91

- ▲ = SECTION CORNERS LOCATED.
△ = SECTION CORNERS RE-ESTABLISHED.
(Not Set on Ground)

CERTIFICATE

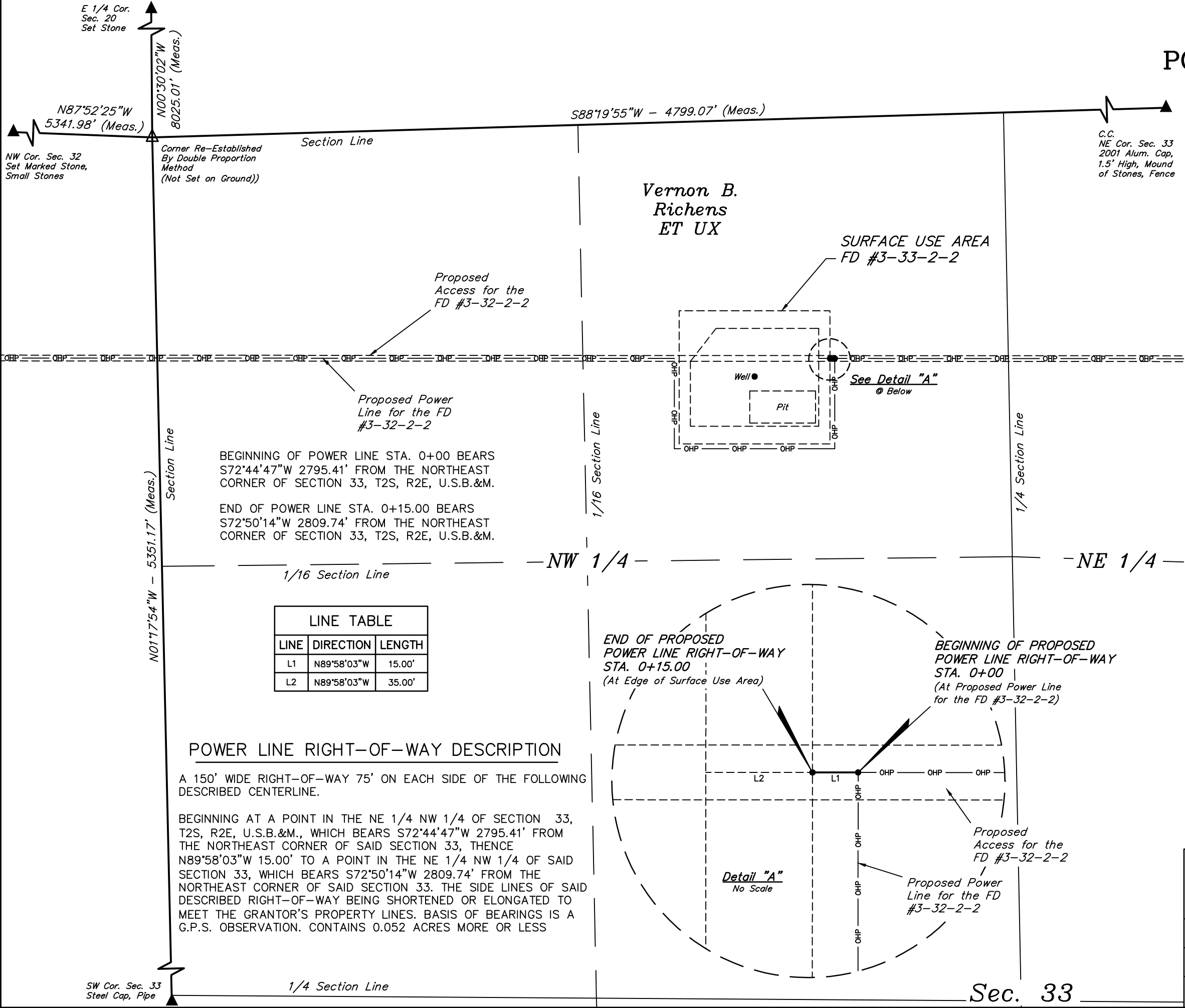
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO
THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 05-07-13
PARTY C.R. S.R. C.C.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE 5 4 2 1 8

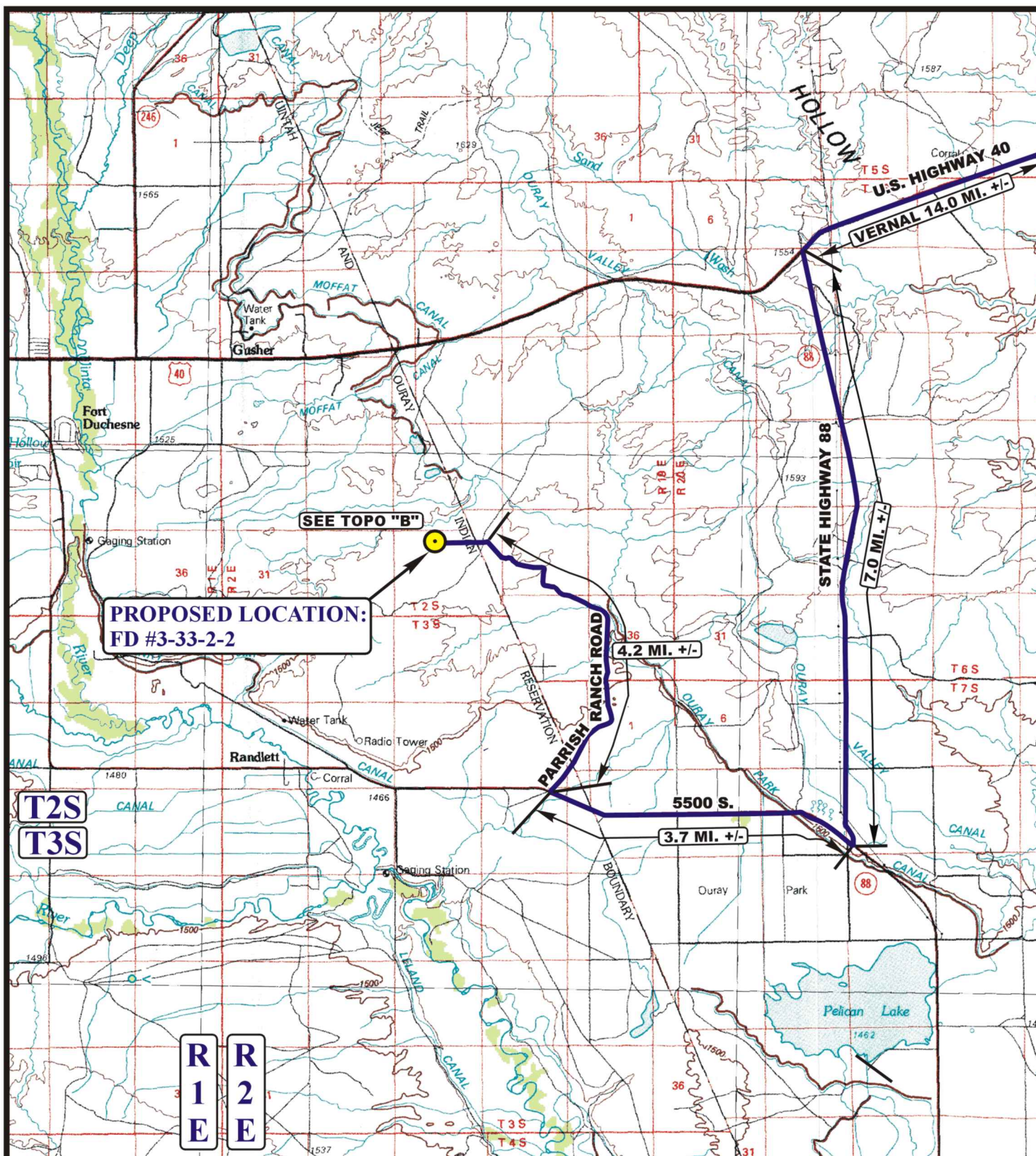
RECEIVED: May. 17, 2013



BILL BARRETT CORPORATION
FD #3-33-2-2
SECTION 33, T2S, R2E, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF THIS ROAD AND STATE HIGHWAY 88 TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 7.0 MILES TO THE JUNCTION OF THIS ROAD AND 5500 S. TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN WESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 3.7 MILES TO THE JUNCTION OF THIS ROAD AND PARRISH RANCH ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY, THEN NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 4.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 3,445' TO THE PROPOSED WELL LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 29.6 MILES.



**PROPOSED LOCATION:
FD #3-33-2-2**

SEE TOPO "B"

**T2S
T3S**

**R1E
R2E**

LEGEND:

● PROPOSED LOCATION



BILL BARRETT CORPORATION

**FD #3-33-2-2
SECTION 33, T2S, R2E, U.S.B.&M.
800' FNL 1860' FWL**



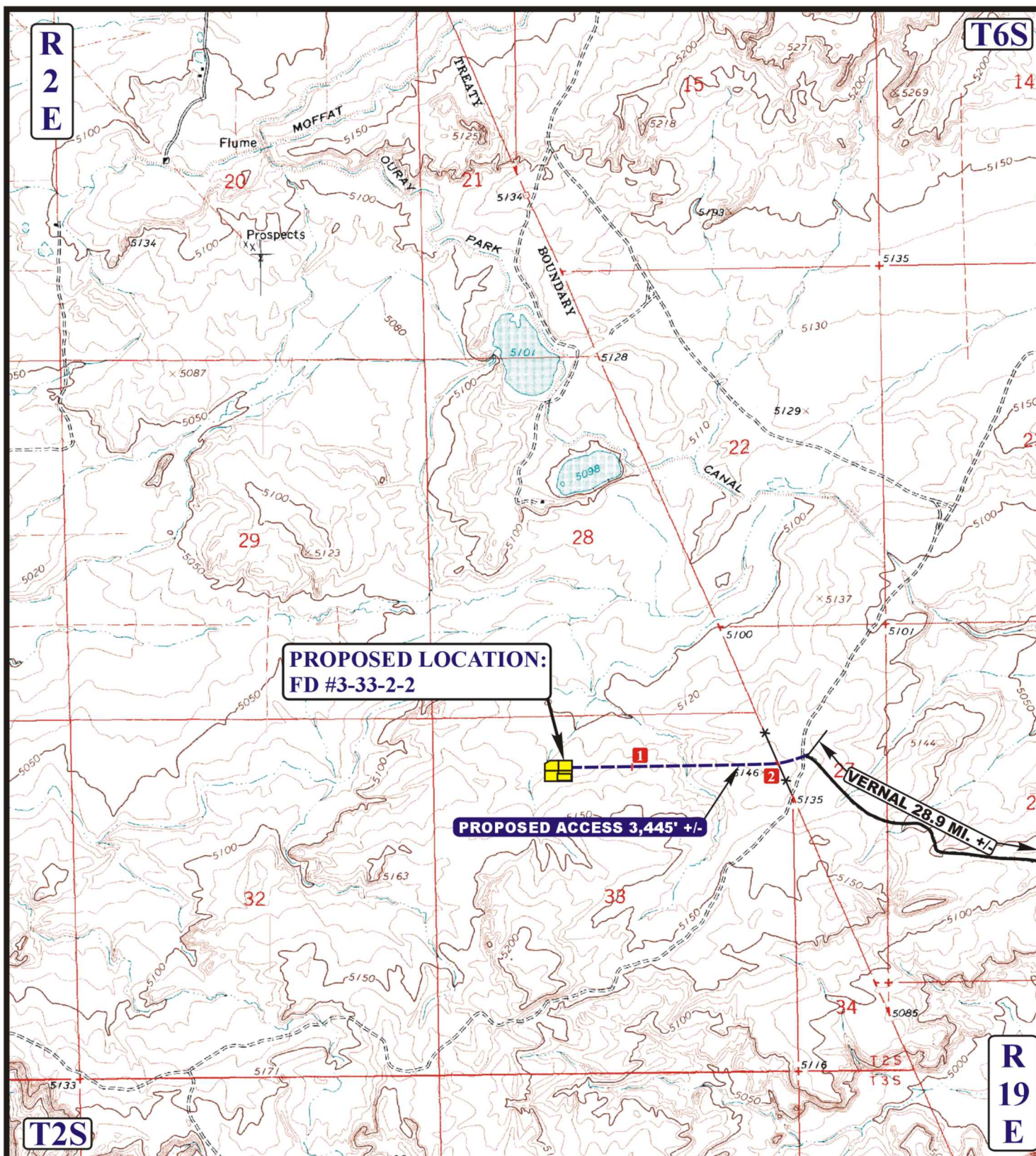
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**ACCESS ROAD
MAP**

11 17 11
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REV: 05-13-13 S.O.





LEGEND:

	EXISTING ROAD
	EXISTING ROAD (UPGRADE AS NEEDED)
	PROPOSED ACCESS
	EXISTING FENCE
	18" CMP REQUIRED
	CATTLE GUARD REQUIRED



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



BILL BARRETT CORPORATION

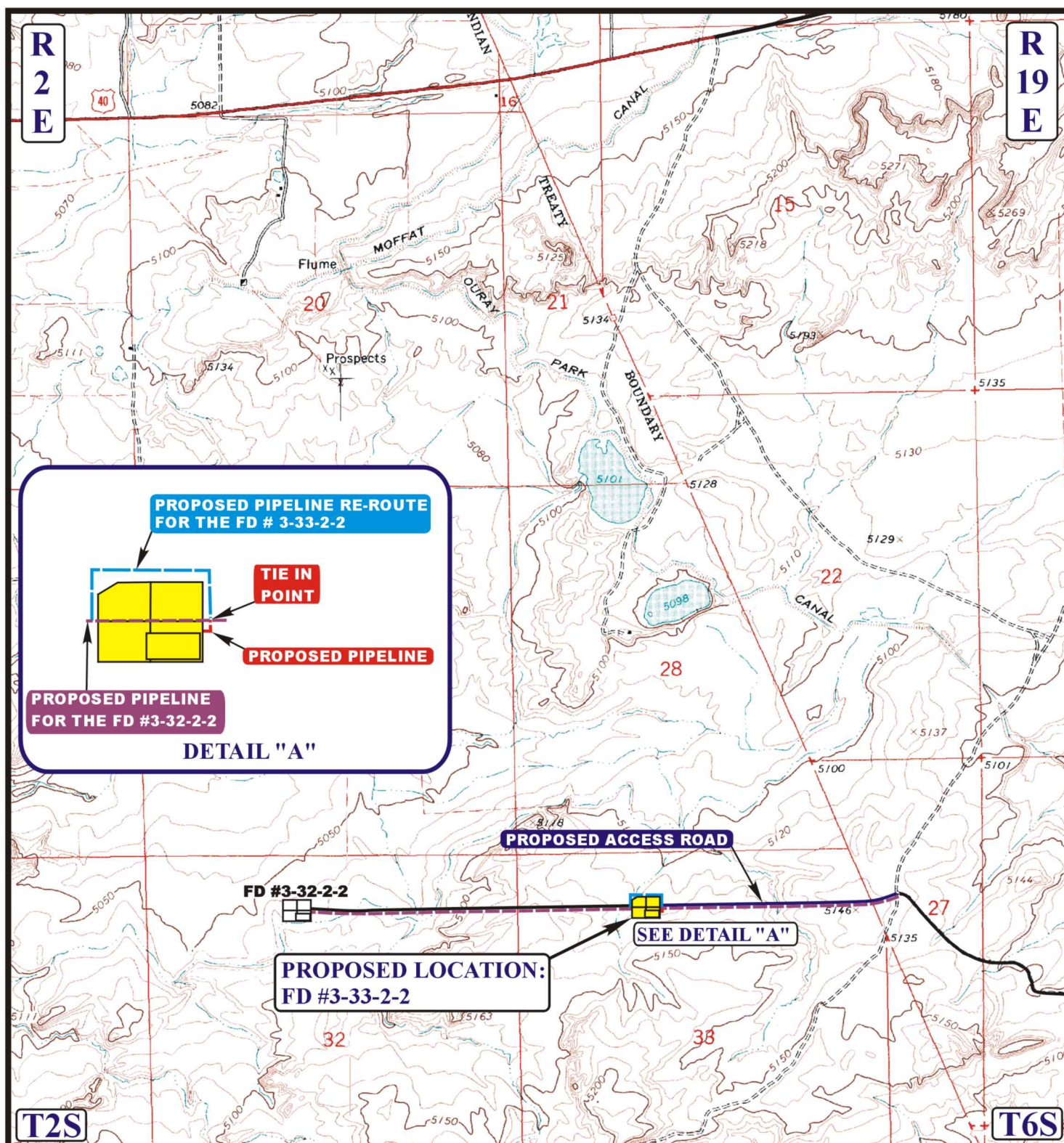
FD #3-33-2-2
SECTION 33, T2S, R2E, U.S.B.&M.
800' FNL 1860' FWL

ACCESS ROAD
MAP

03 **29** **12**
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.G. REV: 05-13-13 S.O.

B
TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 56' +/-

LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS
- PROPOSED PIPELINE (SERVICING OTHER WELLS)
- PROPOSED PIPELINE
- PROPOSED PIPELINE RE-ROUTE



BILL BARRETT CORPORATION

FD #3-33-2-2
SECTION 32, T2S, R2E, U.S.B.&M.
800' FNL 1860' FWL



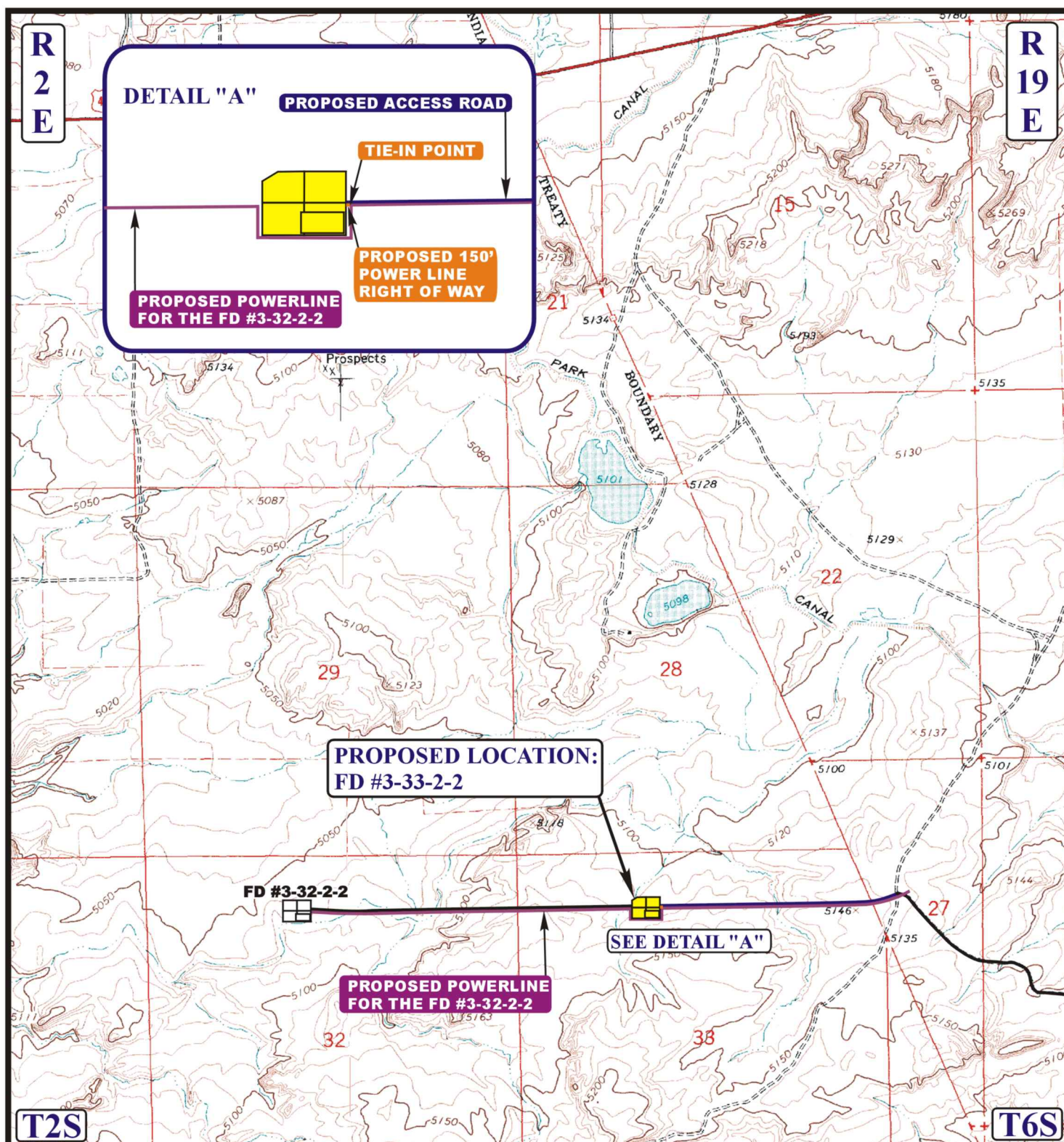
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

03 29 12
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.G. REV: 05-13-13 S.O.





APPROXIMATE TOTAL POWER LINE DISTANCE = 15' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- PROPOSED POWER LINE
- PROPOSED POWER LINE



BILL BARRETT CORPORATION

FD #3-33-2-2
SECTION 32, T2S, R2E, U.S.B.&M.
800' FNL 1860' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

SCALE: 1" = 2000'

DRAWN BY: S.O.

05 **13** **13**
 MONTH DAY YEAR

REVISED: 00-00-00



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 3-33-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0800 FNL 1860 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047533210000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/10/2014	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Bill Barrett Corporation is requesting permission to revise the drilling plan for this well: Surface casing set depth will remain the same at 1500'; Surface casing description: 8-5/8" 24# J55 STC (Hole size remains at 12-1/4" hole); Surface cement volumes: 160 sx 11.0 ppg lead (75% excess) 270 sx 14.8 ppg tail (75% excess); Production grade changing to: P-110 OR I-80; Production Hole and Casing size remains the same.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: February 14, 2014

By: *Derek Duff*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 2/10/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 3-33-2-2			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0800 FNL 1860 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047533210000			
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: WILDCAT			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/20/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Bill Barrett Corporation is requesting permission to revise the surface casing set depth for this well from 1500' to 1200'. Hole and casing size will remain the same. Surface casing cement totals will change to 170sx (lead) and 270sx (tail).					
<div style="text-align: right;"> Approved by the Utah Division of Oil, Gas and Mining Date: February 24, 2014 By: <u><i>Derek Duff</i></u> </div>					
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst			
SIGNATURE N/A	DATE 2/20/2014				

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 3-33-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047533210000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0800 FNL 1860 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 2/26/2014			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well was spud on 2/26/14 at approximately 8:00 am by Triple A Drilling, Rig #TA 4037, Rig Type Soilmec SR/30. Drilling is anticipated to resume on 3/5/2014

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 February 27, 2014

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 2/27/2014

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# PRO PETRO 10 Submitted
By JEREMY MEJORADO Phone Number 303-353-5374
Well Name/Number FD 3-33-2-2
Qtr/Qtr NE/NW Section 33 Township 2S Range 2E
Lease Serial Number FEF
API Number ~~43-475-32100~~ 4304753321

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 3/16/14 9:00 AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

RECEIVED

MAR 18 2014

DIV. OF OIL, GAS & MINING

Date/Time _____ AM ☐ PM ☐

Remarks WE WILL BE CEMENTING AROUND 11:00 PM 3/16/14
PLEASE CALL WITH ANY QUESTIONS CONCERNS

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 3-33-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047533210000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0800 FNL 1860 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/31/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No Monthly drilling to report, well spud on 2/27/2014

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 April 08, 2014

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 4/2/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 3-33-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047533210000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0800 FNL 1860 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 02.0S Range: 02.0E Meridian: U		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/30/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS
	<input type="checkbox"/> CHANGE TUBING
	<input type="checkbox"/> CHANGE WELL STATUS
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
	<input type="checkbox"/> CONVERT WELL TYPE
	<input type="checkbox"/> DEEPEN
	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE
	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME
	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF
	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION
	<input type="checkbox"/> OTHER
	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No Monthly drilling to report, well spud on 2/27/2014

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 06, 2014

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 5/6/2014	

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# CAPSTAR 330 Submitted
By Pat Clark Phone Number 303-353-5374
Well Name/Number FD 3-33-2-2
Qtr/Qtr NE/NW Section 33 Township 2S Range 2E
Lease Serial Number _____
API Number ~~43-475-32100~~ 4304753321

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☒ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 5-10-14 19:00 AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks Running 9170' 5 1/2" csg, cmt same PLEASE CALL WITH ANY QUESTIONS CONCERNS

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 3-33-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047533210000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0800 FNL 1860 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/1/2014				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THIS WELL HAD FIRST PRODUCTION AND FIRST GAS SALES ON 06/01/14

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 June 02, 2014

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/2/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 3-33-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047533210000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0800 FNL 1860 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/31/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is the May 2014 Drilling Activity for this well.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 05, 2014

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 6/5/2014	

**FD 03-33-2-2 5/2/2014 14:00 - 5/3/2014 06:00**

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
14:00	16.00	06:00	1	RIGUP & TEARDOWN	MIRU. Move pipe, pipe racks, bit shed, tanks, misc equip.

FD 03-33-2-2 5/3/2014 06:00 - 5/4/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	1	RIGUP & TEARDOWN	MIRU. Rig on daywork @ 12:00.
12:00	4.00	16:00	14	NIPPLE UP B.O.P	NUBOPE.
16:00	3.50	19:30	15	TEST B.O.P	HSM. Test BOP. Test 5000 psi high f/10 min Lower and upper kelly valve, safety and dart valves, pipe rams and inside valves, HCR, kill line, choke line, check valve, inside manifold valves, blind rams, super choke. Test 2500 psi high annular preventer. Test surface csg to 1500 psi f/30 min. BLM/UDOG notified of test 5-2-14 @ 19:00.
19:30	0.50	20:00	21	OPEN	Install wear bushing.
20:00	2.50	22:30	20	DIRECTIONAL WORK	M/U bit, dir tools. Scribe and test.
22:30	2.50	01:00	6	TRIPS	Tih. Tag cmt @ 1198'.
01:00	0.50	01:30	21	OPEN	Drill cmt, flt equip, 20' new hole to 1293'.
01:30	0.50	02:00	21	OPEN	F.I.T. to 141 psi f/10.5 EMW.
02:00	3.50	05:30	2	DRILL ACTUAL	Steerable drlg 1293' - 1816'. Wob 10-20k, rpm 35-50, spp 1350 psi, dp 350 psi, 475 gpm, rop 155 fph. Spud well @ 02:00.
05:30	0.50	06:00	7	LUBRICATE RIG	Rig Service. BOP drill morning tour.

FD 03-33-2-2 5/4/2014 06:00 - 5/5/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	Steerable drlg 1816' - 4259'. Wob 10-20k, rpm 70 - 85/78, spp 1750 psi, dp 350 psi, 475 gpm, rop 212 fph.
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service.
18:00	11.50	05:30	2	DRILL ACTUAL	Steerable drlg 4259' - 5324'. Wob 10-20k, rpm 50 - 85/78, spp 1750 psi, dp 350 psi, 475 gpm, rop 93 fph.
05:30	0.50	06:00	7	LUBRICATE RIG	Rig Service.

FD 03-33-2-2 5/5/2014 06:00 - 5/6/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	Steerable drlg 5324' - 5628'. Wob 10-25k, rpm 40 - 65/78, spp 1750 psi, dp 200 psi, 475 gpm, rop 32 fph.
15:30	0.50	16:00	7	LUBRICATE RIG	Rig Service.
16:00	7.00	23:00	2	DRILL ACTUAL	Steerable drlg 5628' - 5798'. Wob 10-25k, rpm 40 - 65/78, spp 1750 psi, dp 200 psi, 475 gpm, rop 24 fph.
23:00	1.00	00:00	5	COND MUD & CIRC	C&C mud, sweep hole, pump dry job.
00:00	4.00	04:00	6	TRIPS	Toh.
04:00	2.00	06:00	20	DIRECTIONAL WORK	L/D dir tools, mm, bit.

FD 03-33-2-2 5/6/2014 06:00 - 5/7/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	20	DIRECTIONAL WORK	P/U new bit, dir tools.
07:00	4.00	11:00	6	TRIPS	Tih. Had to wash f/1250' - 1650'.
11:00	0.50	11:30	3	REAMING	Wash 120' to bottom.
11:30	16.50	04:00	2	DRILL ACTUAL	Steerable drlg 5798' - 6383'. Wob 10-25k, rpm 40 - 65/78, spp 1750 psi, dp 200 psi, 475 gpm, rop 35 fph.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
04:00	0.50	04:30	7	LUBRICATE RIG	Rig Service.
04:30	0.50	05:00	20	DIRECTIONAL WORK	MWD downlink.
05:00	1.00	06:00	2	DRILL ACTUAL	Steerable drlg 6383' - 6424. Wob 10-25k, rpm 40 - 65/78, spp 1750 psi, dp 200 psi, 475 gpm, rop 41 fph.

FD 03-33-2-2 5/7/2014 06:00 - 5/8/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	Steerable drlg 6424. - 6970' Wob 10-20k, rpm 40 - 60/78, spp 2050 psi, dp 250 psi, 475 gpm, rop 47 fph.
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service.
18:00	11.50	05:30	2	DRILL ACTUAL	Steerable drlg 6970' - 7353' Wob 10-20k, rpm 40 - 60/78, spp 2050 psi, dp 250 psi, 475 gpm, rop 33 fph.
05:30	0.50	06:00	7	LUBRICATE RIG	Rig Service

FD 03-33-2-2 5/8/2014 06:00 - 5/9/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	Steerable drlg 7353' - 8055' Wob 10-20k, rpm 40 - 60/78, spp 2050 psi, dp 250 psi, 475 gpm, rop 61 fph.
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service.
18:00	11.50	05:30	2	DRILL ACTUAL	Steerable drlg 8055' - 8785' Wob 10-20k, rpm 40 - 60/78, spp 2350 psi, dp 200 psi, 475 gpm, rop 63 fph.
05:30	0.50	06:00	7	LUBRICATE RIG	Rig Service. BOP drill morning tour.

FD 03-33-2-2 5/9/2014 06:00 - 5/10/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	Steerable drlg 8785' - 9110' Wob 10-20k, rpm 40 - 60/78, spp 2350 psi, dp 200 psi, 475 gpm, rop 28 fph.
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service.
18:00	2.00	20:00	2	DRILL ACTUAL	Steerable drlg 9110' - 9168'. Wob 10-25k, rpm 40 - 60/78, spp 2350 psi, dp 200 psi, 475 gpm, rop 29 fph.
20:00	0.50	20:30	7	LUBRICATE RIG	Rig Service.
20:30	0.50	21:00	2	DRILL ACTUAL	Steerable drlg 9158' - 9190. Wob 10-25k, rpm 40 - 60/78, spp 2350 psi, dp 200 psi, 475 gpm, rop 44 fph. TD well.
21:00	1.00	22:00	5	COND MUD & CIRC	Pumped sweep w/10' left to drill. C&C mud, Pump slug.
22:00	5.00	03:00	6	TRIPS	ST to 5750'.
03:00	0.50	03:30	3	REAMING	Wash 50' to bottom.
03:30	1.50	05:00	5	COND MUD & CIRC	C&C mud, sweep hole. Pump dry job.
05:00	1.00	06:00	6	TRIPS	Toh f/csg.

FD 03-33-2-2 5/10/2014 06:00 - 5/11/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	6	TRIPS	Toh.
13:00	1.00	14:00	20	DIRECTIONAL WORK	L/D dir tools, mm, bit.
14:00	0.50	14:30	21	OPEN	Pull wear bushing.
14:30	15.50	06:00	12	RUN CASING & CEMENT	Run 5 1/2", 17#, I-80, LT&C csg as follows: Float shoe, 2 jts csg, float collar, 206 jts csg. MJs @ 8480', 7802', cement baskets @ 4983', 3964'. BS centralizers on bottom jt, top of jts # 2 & 4, every other jt to 1267' (90 cent).

FD 03-33-2-2 5/11/2014 06:00 - 5/11/2014 18:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	12	RUN CASING & CEMENT	Finish running csg.
08:00	2.50	10:30	5	COND MUD & CIRC	M/U jt # 207, recirculate pipe, C&C mud f/cmt. L/D jt 207, M/U LJ. land mandrel in csg head.
10:30	4.50	15:00	12	RUN CASING & CEMENT	HSM. Cement prod csg as follows: Test lines to 5000 psi. Pump 10 bbls dyed H2O, 40 bbls tuned spacer @ 10.3 ppg, Mix and pump 585 sx (244 bbls) tuned lite lead @ 11 ppg, 2.34 yld, 10.1 gps h2o. Tail in with 725 sx (187 bbls) Expandacem @ 13.5 ppg, 1.45 yld, 6.91 gps h2o. Wash up to pit, drop plug, displace with 211 bbls Cla-web/Aldicide @ 8.34 ppg. Max pressure 1700 psi, bump plug to 2200 psi. Bled back 2 bbls, floats held. Lost returns 130 bbls into lead, no cement to surface. R/D HES.
15:00	1.00	16:00	14	NIPPLE UP B.O.P	NDBOP, set packoff and test.
16:00	2.00	18:00	21	OPEN	Clean pits, transfer 400 bbls mud to FD 11-33-2-2. Rig released @ 18:00.

FD 03-33-2-2 5/13/2014 06:00 - 5/14/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HSM. CHECK PRESSURE. ND 11" NIGHT CAP. CLEAN HANGER MANDREL. NU 7" 5K TBG HEAD. PRES TEST VOID AND SEALS. GOOD. NU 7" NIGHT CAP. WELL SECURE.

FD 03-33-2-2 5/15/2014 06:00 - 5/16/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	LOGG	Logging	MIRU HES LOGGING. RIH W/ GR/JB TO TAG FILL AT 9044'. DRLG SHOWS FC AT 9077'; (33' FILL). RUN RMT/RBL LOG. SHOWS GOOD CMT TD TO 1257'. TOC EST AT 1257'. (HAD TROUBLE WITH NEUTRON LOG AND WILL HAVE TO PROCCESSTHEM, THEN MAIL LOGS). RAN RBL WITH 1000 PSI. RDMO HES.

FD 03-33-2-2 5/28/2014 06:00 - 5/29/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HSM. CHECK PRESSURE. ND 7" NIGHT CAP. NU 7" 5K X 5" 10K FRAC MANDREL. NU 5" 10K FRAC VALVES. PRES TEST CSG TO 6200 PSI, TEST FB EQUIP TO 2500/4500 PSI. ALL TEST GOOD. SECURE WELL.

FD 03-33-2-2 5/29/2014 06:00 - 5/30/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HEAT FRAC LINE

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FD 3-33-2-2
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047533210000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0800 FNL 1860 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 02.0S Range: 02.0E Meridian: U		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/7/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THIS WELL HAD FIRST OIL SALES ON 06/7/14

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 June 13, 2014

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 6/9/2014

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 3-33-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047533210000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0800 FNL 1860 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/30/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is the June 2014 Drilling Activity for this well.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 July 08, 2014

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A		DATE 7/8/2014

**FD 03-33-2-2 6/1/2014 06:00 - 6/2/2014 06:00**

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MTG.
07:00	2.50	09:30	SRIG	Rig Up/Down	ROAD RIG TO LOCAITON. ND FRAC VALVES. NU 7" 5K BOP AND HYDRIL. RU FLOOR. SPOT CATWALK AND PIPE RACKS.
09:30	1.50	11:00	GOP	General Operations	UNLOAD 293-JTS 2-7/8" L-80 TBG.
11:00	4.00	15:00	RUTB	Run Tubing	MU 4-3/4" BIT, POBS, 1-JT, 2.31 XN, AND RIH AS MEAS AND PU TBG.
15:00	0.50	15:30	SRIG	Rig Up/Down	RU PWR SWIVEL W/ #239. FILL TBG. PRES TEST TO 2000 PSI. GOOD. EST CIRC.
15:30	1.50	17:00	DOPG	Drill Out Plugs	DRILL OUT PLUGS. #1 AT 7615'. 0' FILL. D/O IN 12 MIN. FCP 900 PSI ON 20/64". RIH #2 AT 8014'. 4' FILL. D/O IN 15 MIN. FCP 1500 PSI ON 20/64" CHOKE. RUN 1-JT IN.
17:00	0.50	17:30	GOP	General Operations	CIRC CLEAN. EOT AT 8059' WITH 253-JTS IN TURN WELL OVER TO FBC AND PRODUCTION FOR NIGHT.
17:30	12.50	06:00	FBCK	Flowback Well	CREW TRAVEL. FLOW WELL TO FBC AND PRODUCTION.

FD 03-33-2-2 6/2/2014 06:00 - 6/3/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	2.50	09:30			CFP 900 ON 18/64 CHOKE. RIH F/ 8059' W/ 4-3/4 BIT, TAG CBP @ 8367'. NO SAND. R/U SWIVEL. BREAK CIRC. D/O CBP @ 8367'. FCP- 800 ON 22/64 CHOKE. SWIVEL IN HOLE. TAG CBP @ 8707'. NO SAND. D/O CBP @ 8707'. FCP- 800 ON 22/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 9024'. C/O SAND TO F/C @ 9076'. D/O F/C. C/O CMT TO 9139' PBD. 287 JTS IN HOLE. CIRC WELL CLEAN. R/D SWIVEL.
09:30	1.50	11:00	PULT	Pull Tubing	PULL ABOVE PERFS L/D 2-7/8 TBG TO 7628' & LAND TBG. 239 JTS TOTAL IN HOLE.
11:00	1.50	12:30	BOPI	Install BOP's	R/D FLOOR. N/D BOPE. N/U WELLHEAD. DROP BALL DOWN TBG & PUMPED BIT OFF @ 3400 PSI. R/U TBG TO SALES LINE. TURN OVER TO FLOWBACK. SICP- 1000, FTP -1000 ON 18/64 CHOKE. SDFN.
12:30	1.50	14:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. SDFN.
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

FD 03-33-2-2 6/6/2014 06:00 - 6/7/2014 06:00

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	2.00	09:00	RMOV	Rig Move	ROAD RIG F/ SA 16-25-23 TO LOCATION. KILLED WELL W/ 200 BBLS.
09:00	1.50	10:30	SRIG	Rig Up/Down	R/U RIG & EQUIPMENT.
10:30	1.50	12:00	BOPI	Install BOP's	N/D WELLHEAD. N/U BOP. R/U FLOOR & EQUIPMENT.
12:00	2.50	14:30	PULT	Pull Tubing	POOH W/ BOTTOM HALF POBS. 239 JTS TOTAL.
14:30	4.00	18:30	RUTB	Run Tubing	RIH W/ 5-1/2 8 RD TAC & BHA. N/D BOP. SET TAC @ 7528'. S/N @ 7624'. EOT @ 7807'. R/U WELLHEAD & ROD EQUIPMENT. PREP RODS. 236 JTS 2-7/8 TBG. 5-1/2 TAC 8RD. 20K TENSION 3 JT 2-7/8 TBG. S/N. 4' PUP. DESANDER. 5 JTS 2-7/8 TBG. BULL PLUG.
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

**FD 03-33-2-2 6/7/2014 06:00 - 6/8/2014 06:00**

API 43-047-53321	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,190.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	1.00	08:00	GOP	General Operations	FINISH PREP RODS. SPOT IN ROD TRAILER.
08:00	6.00	14:00	RURP	Run Rods & Pump	P/U ROD PUMP & PRIME. RIH W/ PUMP P/U NEW D RODS. SPACE OUT & SEAT PUMP. FILL & STROKE TEST, GOOD TEST. HANG HORSE HEAD. ROD DETAIL 1-1/2" X 30' POLISH ROD 40) 7/8" D 4 PER 74) 7/8" D 8 PER 153) 3/4" D 4 PER 36) 1" D 4 PER SHEAR CPLG 25-175-RHBC-20-4-21-24' PUMP.
14:00	1.50	15:30	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. PWOP.
15:30	14.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8
(highlight changes)5. LEASE DESIGNATION AND SERIAL NUMBER:
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
FD 3-33-2-29. API NUMBER:
430475332110 FIELD AND POOL, OR WILDCAT
Wildcat11. QTR/QTR, SECTION, TOWNSHIP, RANGE,
MERIDIAN:
NENW 33 2S 2E U12. COUNTY
Uintah13. STATE
UTAH1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHERb. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER2. NAME OF OPERATOR:
Bill Barrett Corporation3. ADDRESS OF OPERATOR:
1099 18th St Ste 2300 CITY Denver STATE CO ZIP 80202PHONE NUMBER:
(303) 293-9100

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 800 FNL 1860 FWL

AT TOP PRODUCING INTERVAL REPORTED BELOW: 831 FNL 1858 FWL

AT TOTAL DEPTH: 864 FNL 1865 FWL

14. DATE SPUDDED:
2/26/201415. DATE T.D. REACHED:
5/9/201416. DATE COMPLETED:
6/1/2014ABANDONED ☐READY TO PRODUCE ☒17. ELEVATIONS (DF, RKB, RT, GL):
5116 GL18. TOTAL DEPTH: MD 9,190
TVD 9,18919. PLUG BACK T.D.: MD 9,078
TVD 9,077

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

CBL/MUD

23.

WAS WELL CORED?

NO ☒YES ☐

(Submit analysis)

WAS DST RUN?

NO ☒YES ☐

(Submit report)

DIRECTIONAL SURVEY?

NO ☐YES ☒

(Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
24	16 Cor	65#	0	80	80			0	
12 1/4	8 5/8 J-55	24#	0	1,273	1,247	Lead 150	102	0	
						Tail 350	72		
7 7/8	5 1/2 I-80	17#	0	9,190	9,167	Lead 585	244	1656	
						Tail 725	187		

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	7,807							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Green River	7,724	9,000		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
7,724 9,000	.38	168	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7,724-9,000	Green River: See attached Stage 1-4

29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

POW

31. INITIAL PRODUCTION**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED: 6/1/2014		TEST DATE: 6/8/2014		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 184	GAS – MCF: 46	WATER – BBL: 219	PROD. METHOD: Flowing
CHOKE SIZE: 48/64	TBG. PRESS. 400	CSG. PRESS. 400	API GRAVITY 30.79	BTU – GAS 1	GAS/OIL RATIO 250	24 HR PRODUCTION RATES: →	OIL – BBL: 184	GAS – MCF: 46	WATER – BBL: 219	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	5,440
				Mahogany	6,576
				TGR3	7,724
				Douglas Creek	7,888
				Black Shale Facies	8,382
				Castle Peak	8,465
				Uteland Butte	8,684
				Wasatch	9,171
				TD	9,190

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First gas sales 6/01/2014; first oil sales 6/7/2014

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Christina HirtlerTITLE Permit Analyst

SIGNATURE _____

DATE 7/1/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

3-33-2-2 FD Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u><i>Stage</i></u>	<u><i>bbls Slurry</i></u>	<u><i>lbs Common White 100 Mesh Sand</i></u>	<u><i>lbs 20/40 Premium White</i></u>	<u><i>gal 15% HCl Acid</i></u>
1	2666	8070	150,730	4400
2	2630	8209	150,491	3900
3	2619	8340	150,360	2619
4	2571	9661	148,919	3400

*Depth intervals for frac information same as perforation record intervals.



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 3-33-2-2
Project:	Fort Duchesne	TVD Reference:	FD 3-33-2-2 @ 5128.0usft (CAPSTAR 330)
Site:	SECTION 33 T2S, R2E	MD Reference:	FD 3-33-2-2 @ 5128.0usft (CAPSTAR 330)
Well:	FD 3-33-2-2	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Project	Fort Duchesne		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Southern Zone		

Site	SECTION 33 T2S, R2E		
Site Position:		Northing:	11,159,677.19 usft
From:	Lat/Long	Easting:	2,121,631.37 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 16' 13.950 N
		Longitude:	109° 46' 37.220 W
		Grid Convergence:	1.06 °

Well	FD 3-33-2-2, SHL: 40° 16' 13.950 -109° 46' 37.220		
Well Position	+N/-S	0.0 usft	Northing: 11,159,677.18 usft
	+E/-W	0.0 usft	Easting: 2,121,631.37 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	5,128.0 usft
		Latitude:	40° 16' 13.950 N
		Longitude:	109° 46' 37.220 W
		Ground Level:	5,115.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/25/2014	10.86	65.96	52,152

Design	Actual			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	175.57

Survey Program	Date 5/11/2014			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
1,240.0	9,190.0	Survey #1 (Wellbore #1)	MWD	MWD v3:standard declination



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 3-33-2-2
Project:	Fort Duchesne	TVD Reference:	FD 3-33-2-2 @ 5128.0usft (CAPSTAR 330)
Site:	SECTION 33 T2S, R2E	MD Reference:	FD 3-33-2-2 @ 5128.0usft (CAPSTAR 330)
Well:	FD 3-33-2-2	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,240.0	0.22	175.30	1,240.0	2.4	-2.4	0.2	0.02	0.02	0.00	
1,327.0	0.49	197.59	1,327.0	2.9	-2.9	0.1	0.34	0.31	25.62	
1,414.0	1.81	281.89	1,414.0	2.9	-3.0	-1.4	2.10	1.52	96.90	
1,499.0	2.52	292.07	1,498.9	1.6	-2.0	-4.4	0.95	0.84	11.98	
1,586.0	2.12	305.78	1,585.8	-0.3	-0.3	-7.5	0.78	-0.46	15.76	
1,671.0	2.30	325.87	1,670.8	-2.7	2.0	-9.7	0.93	0.21	23.64	
1,755.0	1.99	340.90	1,754.7	-5.6	4.8	-11.1	0.76	-0.37	17.89	
1,842.0	1.59	332.66	1,841.7	-8.2	7.3	-12.2	0.55	-0.46	-9.47	
1,928.0	1.41	343.99	1,927.7	-10.3	9.4	-13.0	0.40	-0.21	13.17	
2,014.0	1.02	333.10	2,013.6	-12.1	11.1	-13.7	0.53	-0.45	-12.66	
2,099.0	1.02	11.36	2,098.6	-13.5	12.5	-13.9	0.79	0.00	45.01	
2,186.0	1.10	16.39	2,185.6	-15.0	14.0	-13.5	0.14	0.09	5.78	
2,271.0	0.88	36.48	2,270.6	-16.3	15.3	-12.9	0.48	-0.26	23.64	
2,357.0	0.80	26.26	2,356.6	-17.3	16.4	-12.2	0.20	-0.09	-11.88	
2,443.0	0.31	52.70	2,442.6	-17.9	17.1	-11.7	0.63	-0.57	30.74	
2,528.0	0.49	83.59	2,527.6	-18.1	17.3	-11.2	0.32	0.21	36.34	
2,614.0	0.40	125.19	2,613.6	-17.9	17.1	-10.6	0.38	-0.10	48.37	
2,699.0	0.31	142.99	2,698.6	-17.5	16.8	-10.2	0.17	-0.11	20.94	
2,785.0	0.40	162.47	2,784.6	-17.0	16.3	-10.0	0.17	0.10	22.65	
2,870.0	0.80	129.69	2,869.6	-16.3	15.6	-9.4	0.60	0.47	-38.56	
2,955.0	0.88	144.10	2,954.6	-15.4	14.7	-8.6	0.26	0.09	16.95	
3,040.0	1.28	169.57	3,039.5	-13.9	13.3	-8.0	0.72	0.47	29.96	
3,127.0	1.19	171.86	3,126.5	-12.0	11.4	-7.7	0.12	-0.10	2.63	
3,212.0	1.19	167.36	3,211.5	-10.2	9.7	-7.4	0.11	0.00	-5.29	
3,298.0	1.19	181.86	3,297.5	-8.5	7.9	-7.2	0.35	0.00	16.86	
3,384.0	1.28	176.88	3,383.5	-6.6	6.1	-7.2	0.16	0.10	-5.79	



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 3-33-2-2
Project:	Fort Duchesne	TVD Reference:	FD 3-33-2-2 @ 5128.0usft (CAPSTAR 330)
Site:	SECTION 33 T2S, R2E	MD Reference:	FD 3-33-2-2 @ 5128.0usft (CAPSTAR 330)
Well:	FD 3-33-2-2	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
3,470.0	1.41	185.30	3,469.4	-4.6	4.1	-7.3	0.27	0.15	9.79	
3,555.0	1.28	192.70	3,554.4	-2.7	2.1	-7.6	0.25	-0.15	8.71	
3,641.0	0.22	226.06	3,640.4	-1.7	1.0	-7.9	1.28	-1.23	38.79	
3,727.0	0.40	221.79	3,726.4	-1.3	0.7	-8.2	0.21	0.21	-4.97	
3,813.0	0.31	205.08	3,812.4	-0.9	0.3	-8.5	0.16	-0.10	-19.43	
3,898.0	0.22	195.57	3,897.4	-0.6	-0.1	-8.7	0.12	-0.11	-11.19	
3,983.0	0.31	166.39	3,982.4	-0.2	-0.5	-8.7	0.19	0.11	-34.33	
4,069.0	0.80	171.77	4,068.4	0.6	-1.3	-8.5	0.57	0.57	6.26	
4,154.0	0.80	175.78	4,153.4	1.8	-2.5	-8.4	0.07	0.00	4.72	
4,239.0	0.09	176.79	4,238.4	2.5	-3.1	-8.3	0.84	-0.84	1.19	
4,324.0	0.09	107.70	4,323.4	2.6	-3.2	-8.3	0.12	0.00	-81.28	
4,409.0	0.49	179.88	4,408.4	3.0	-3.6	-8.2	0.55	0.47	84.92	
4,495.0	0.71	173.89	4,494.4	3.9	-4.5	-8.1	0.27	0.26	-6.97	
4,580.0	0.40	163.00	4,579.4	4.7	-5.3	-8.0	0.38	-0.36	-12.81	
4,665.0	0.71	22.07	4,664.4	4.5	-5.1	-7.7	1.24	0.36	-165.80	
4,749.0	0.71	16.08	4,748.4	3.5	-4.1	-7.4	0.09	0.00	-7.13	
4,835.0	0.71	18.99	4,834.4	2.6	-3.1	-7.1	0.04	0.00	3.38	
4,920.0	0.22	328.30	4,919.4	1.9	-2.5	-7.0	0.70	-0.58	-59.64	
5,005.0	0.49	17.80	5,004.4	1.4	-2.0	-7.0	0.45	0.32	58.24	
5,092.0	0.31	22.87	5,091.4	0.9	-1.4	-6.7	0.21	-0.21	5.83	
5,177.0	0.22	140.26	5,176.4	0.8	-1.3	-6.6	0.54	-0.11	138.11	
5,263.0	0.40	142.77	5,262.4	1.2	-1.7	-6.3	0.21	0.21	2.92	
5,350.0	0.71	145.56	5,349.4	1.9	-2.4	-5.8	0.36	0.36	3.21	
5,436.0	0.88	155.50	5,435.3	3.0	-3.4	-5.2	0.25	0.20	11.56	
5,522.0	1.10	161.46	5,521.3	4.4	-4.8	-4.7	0.28	0.26	6.93	
5,608.0	1.02	163.09	5,607.3	6.0	-6.3	-4.2	0.10	-0.09	1.90	
5,695.0	1.10	152.87	5,694.3	7.5	-7.8	-3.6	0.24	0.09	-11.75	



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 3-33-2-2
Project:	Fort Duchesne	TVD Reference:	FD 3-33-2-2 @ 5128.0usft (CAPSTAR 330)
Site:	SECTION 33 T2S, R2E	MD Reference:	FD 3-33-2-2 @ 5128.0usft (CAPSTAR 330)
Well:	FD 3-33-2-2	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
5,815.0	0.71	118.27	5,814.3	9.0	-9.2	-2.4	0.55	-0.32	-28.83	
5,901.0	0.62	133.38	5,900.3	9.6	-9.8	-1.6	0.23	-0.10	17.57	
5,986.0	0.71	145.46	5,985.3	10.4	-10.5	-1.0	0.20	0.11	14.21	
6,114.0	1.10	143.17	6,113.3	12.1	-12.1	0.2	0.31	0.30	-1.79	
6,200.0	1.19	145.29	6,199.2	13.6	-13.5	1.2	0.12	0.10	2.47	
6,283.0	1.28	160.97	6,282.2	15.2	-15.1	2.0	0.42	0.11	18.89	
6,369.0	0.80	191.16	6,368.2	16.7	-16.6	2.2	0.83	-0.56	35.10	
6,454.0	1.02	183.58	6,453.2	18.1	-18.0	2.1	0.29	0.26	-8.92	
6,540.0	0.88	175.30	6,539.2	19.5	-19.4	2.1	0.23	-0.16	-9.63	
6,625.0	0.40	134.40	6,624.2	20.4	-20.2	2.3	0.75	-0.56	-48.12	
6,711.0	0.49	135.37	6,710.2	20.9	-20.7	2.8	0.11	0.10	1.13	
6,796.0	0.80	147.67	6,795.2	21.7	-21.5	3.4	0.40	0.36	14.47	
6,882.0	1.10	156.26	6,881.2	23.0	-22.7	4.0	0.39	0.35	9.99	
6,967.0	1.10	181.29	6,966.2	24.6	-24.3	4.3	0.56	0.00	29.45	
7,053.0	0.88	207.86	7,052.1	25.9	-25.7	4.0	0.58	-0.26	30.90	
7,138.0	0.62	220.60	7,137.1	26.8	-26.6	3.4	0.36	-0.31	14.99	
7,223.0	0.40	281.89	7,222.1	27.1	-26.9	2.8	0.65	-0.26	72.11	
7,308.0	0.62	306.26	7,307.1	26.7	-26.6	2.2	0.36	0.26	28.67	
7,394.0	0.62	283.39	7,393.1	26.2	-26.2	1.3	0.29	0.00	-26.59	
7,479.0	0.62	241.79	7,478.1	26.3	-26.3	0.5	0.52	0.00	-48.94	
7,565.0	1.19	208.57	7,564.1	27.2	-27.3	-0.4	0.87	0.66	-38.63	
7,650.0	1.19	196.27	7,649.1	28.8	-28.9	-1.0	0.30	0.00	-14.47	
7,736.0	1.28	196.18	7,735.1	30.5	-30.7	-1.5	0.10	0.10	-0.10	
7,822.0	1.50	193.89	7,821.0	32.5	-32.7	-2.1	0.26	0.26	-2.66	
7,907.0	1.68	192.79	7,906.0	34.7	-35.0	-2.6	0.21	0.21	-1.29	
7,992.0	1.99	183.49	7,991.0	37.4	-37.7	-3.0	0.50	0.36	-10.94	
8,077.0	1.28	181.99	8,075.9	39.8	-40.1	-3.1	0.84	-0.84	-1.76	



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 3-33-2-2
Project:	Fort Duchesne	TVD Reference:	FD 3-33-2-2 @ 5128.0usft (CAPSTAR 330)
Site:	SECTION 33 T2S, R2E	MD Reference:	FD 3-33-2-2 @ 5128.0usft (CAPSTAR 330)
Well:	FD 3-33-2-2	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
8,163.0	1.19	172.17	8,161.9	41.6	-42.0	-3.0	0.27	-0.10	-11.42	
8,249.0	1.28	160.09	8,247.9	43.4	-43.8	-2.6	0.32	0.10	-14.05	
8,334.0	1.41	155.86	8,332.9	45.3	-45.6	-1.8	0.19	0.15	-4.98	
8,420.0	1.59	150.88	8,418.8	47.4	-47.6	-0.8	0.26	0.21	-5.79	
8,505.0	1.50	152.78	8,503.8	49.5	-49.6	0.3	0.12	-0.11	2.24	
8,590.0	1.50	158.46	8,588.8	51.6	-51.7	1.2	0.17	0.00	6.68	
8,676.0	1.41	152.60	8,674.7	53.7	-53.7	2.1	0.20	-0.10	-6.81	
8,763.0	1.41	156.17	8,761.7	55.6	-55.6	3.0	0.10	0.00	4.10	
8,848.0	1.28	157.36	8,846.7	57.5	-57.4	3.8	0.16	-0.15	1.40	
8,933.0	1.19	166.66	8,931.7	59.3	-59.1	4.4	0.26	-0.11	10.94	
9,018.0	1.19	174.77	9,016.7	61.1	-60.9	4.7	0.20	0.00	9.54	
9,103.0	1.10	173.97	9,101.6	62.8	-62.6	4.8	0.11	-0.11	-0.94	
9,190.0	1.10	175.47	9,188.6	64.4	-64.2	5.0	0.03	0.00	1.72	

Checked By: _____ Approved By: _____ Date: _____

Sundry Number: 52838 API Well Number: 43047533210000

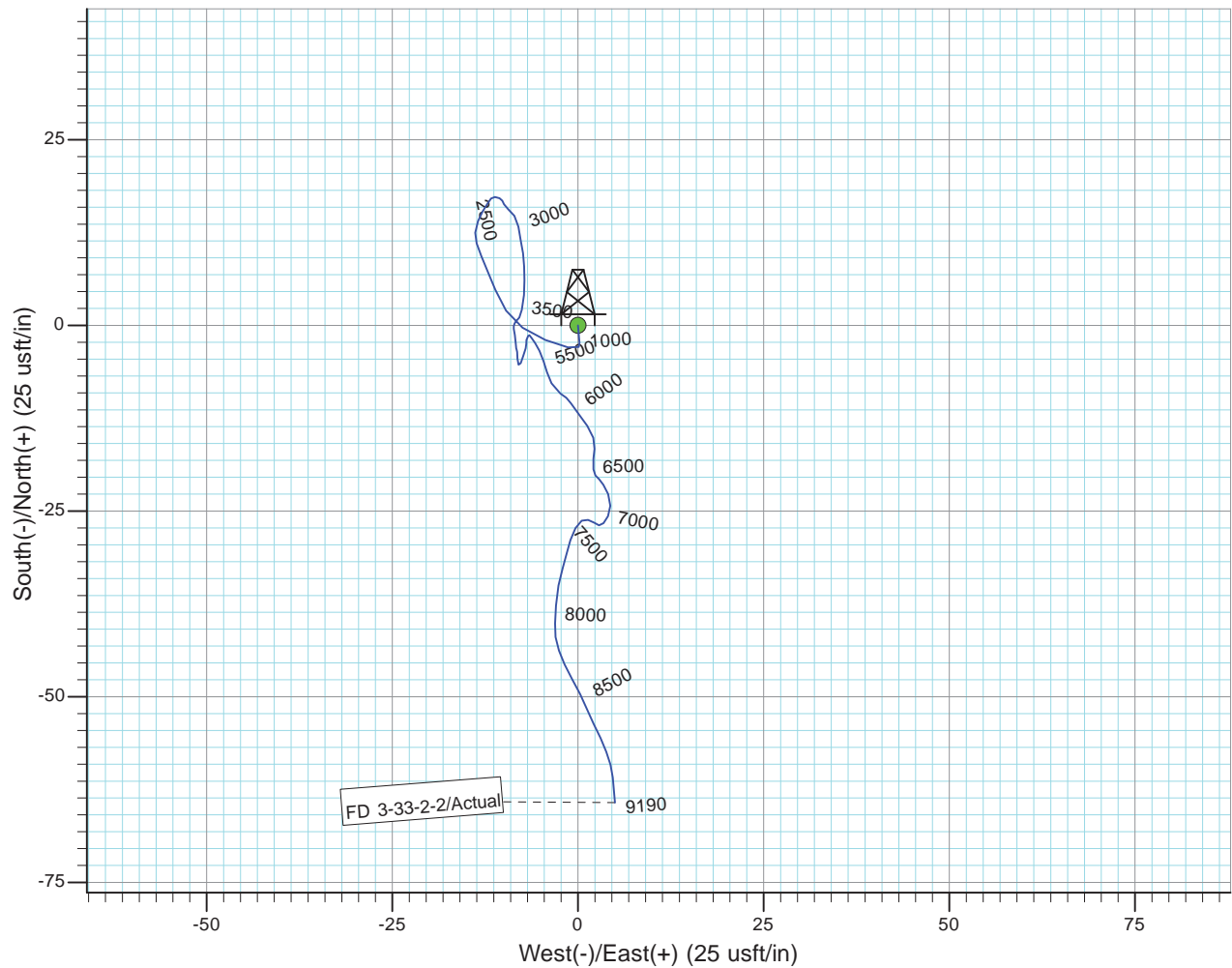
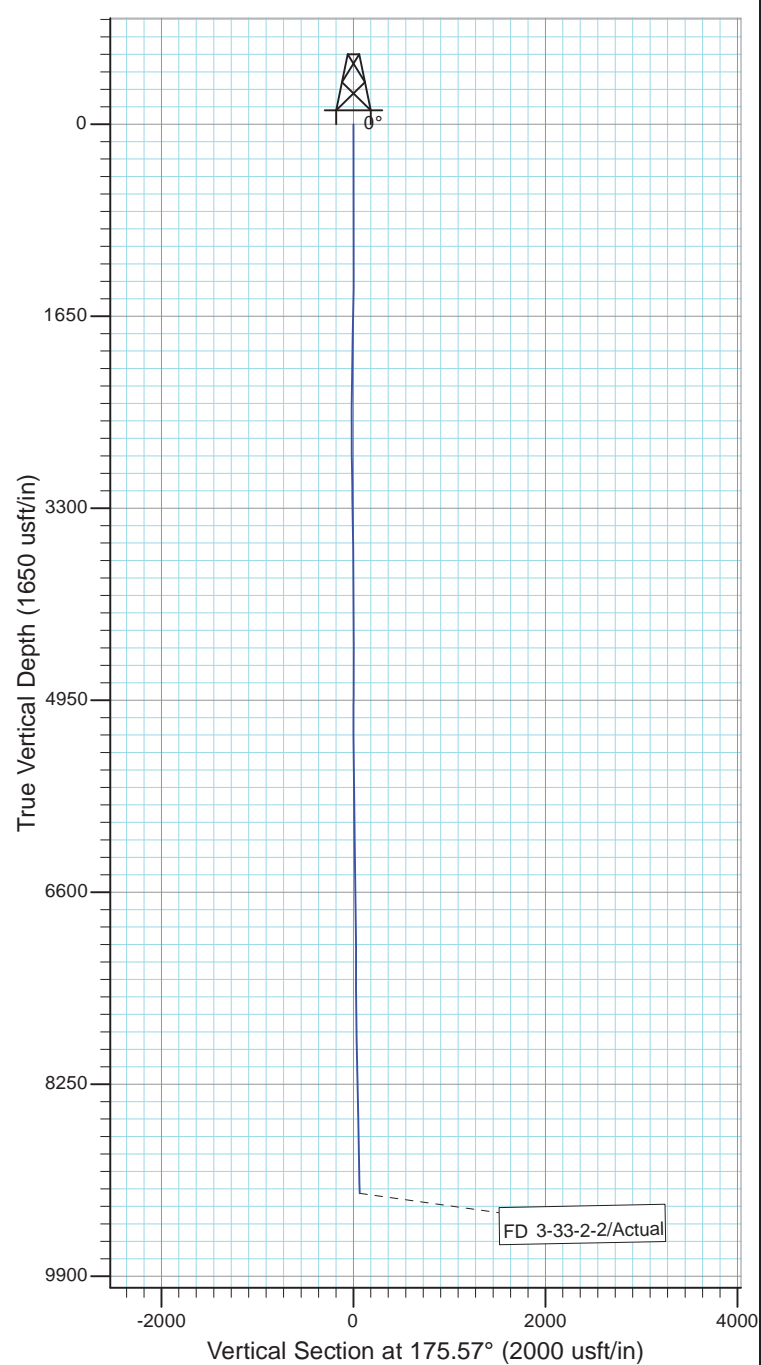


Project: Fort Duchesne
Site: SECTION 33 T2S, R2E
Well: FD 3-33-2-2
Wellbore: Wellbore #1
Design: Actual



Azimuths to True North
Magnetic North: 10.86°

Magnetic Field
Strength: 52152.1nT
Dip Angle: 65.96°
Date: 4/25/2014
Model: IGRF2010



Design: Actual (FD 3-33-2-2/Wellbore #1)

Created By: Matthew Linton

Date: 21:27, May 11 2014

THIS SURVEY IS CORRECT TO THE BEST OF
MY KNOWLEDGE AND IS SUPPORTED
BY ACTUAL FIELD DATA

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 3-33-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047533210000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: MOFFAT CANAL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0800 FNL 1860 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <u>INTERIM RECLAMATION COM</u>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/19/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

INTERIM RECLAMATION WAS COMPLETED ON 8/19/2014 AND THE PIT
WAS CLOSED ON 8/19/2014 ALSO.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 09, 2015

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 1/6/2015